

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
 Data File : BF115666.D
 Acq On : 19 Jul 2019 9:43
 Operator : HP/JU
 Sample : PB121516BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 19 13:25:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	167749	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	678415	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	336292	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	629665	20.00	ng	0.00
76) Chrysene-d12	14.04	240	431445	20.00	ng	0.00
87) Perylene-d12	15.52	264	406536	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	836509	81.57	ng	0.00
7) Phenol-d6	6.51	99	1058248	81.32	ng	0.00
23) Nitrobenzene-d5	7.44	82	972838	83.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	311555	79.37	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1758947	91.55	ng	-0.01
79) Terphenyl-d14	12.99	244	1809694	77.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	195571	38.230	ng	98
3) Pyridine	3.52	79	496726	35.789	ng	100
4) n-Nitrosodimethylamine	3.47	42	204141	40.544	ng	93
6) Aniline	6.54	93	527731	29.141	ng	99
8) 2-Chlorophenol	6.67	128	478645	40.594	ng	97
9) Benzaldehyde	6.43	77	253422	31.164	ng	97
10) Phenol	6.52	94	611113	40.454	ng	83
11) bis(2-Chloroethyl)ether	6.61	93	457069	39.741	ng	99
12) 1,3-Dichlorobenzene	6.82	146	506065	38.174	ng	99
13) 1,4-Dichlorobenzene	6.90	146	511450	38.667	ng	96
14) 1,2-Dichlorobenzene	7.05	146	474281	39.225	ng	97
15) Benzyl Alcohol	7.02	79	409100	39.630	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	612433	40.447	ng	98
17) 2-Methylphenol	7.13	107	419398	41.274	ng	99
18) Hexachloroethane	7.39	117	189859	38.672	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	330279	38.916	ng	97
20) 3+4-Methylphenols	7.29	107	486181	40.281	ng	# 89
22) Acetophenone	7.29	105	646869	42.206	ng	# 99
24) Nitrobenzene	7.46	77	521014	41.402	ng	94
25) Isophorone	7.70	82	958309	41.047	ng	100
26) 2-Nitrophenol	7.77	139	266612	41.161	ng	98
27) 2,4-Dimethylphenol	7.82	122	465421	48.023	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	590079	41.199	ng	99
29) 2,4-Dichlorophenol	8.02	162	415812	41.254	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	451713	39.647	ng	99
31) Naphthalene	8.19	128	1380587	42.020	ng	97
32) Benzoic acid	7.94	122	290773	36.559	ng	97
33) 4-Chloroaniline	8.23	127	351271	24.137	ng	98
34) Hexachlorobutadiene	8.30	225	254424	38.941	ng	99
35) Caprolactam	8.60	113	72843	23.388	ng	91
36) 4-Chloro-3-methylphenol	8.72	107	433182	41.432	ng	97
37) 2-Methylnaphthalene	8.88	142	933500	42.862	ng	97
38) 1-Methylnaphthalene	8.97	142	870737	42.092	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	417477	41.224	ng	98

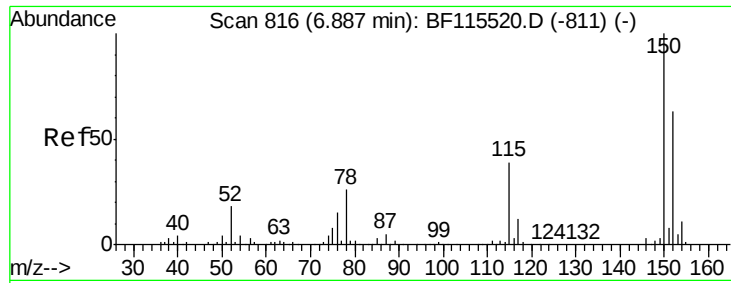
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
 Data File : BF115666.D
 Acq On : 19 Jul 2019 9:43
 Operator : HP/JU
 Sample : PB121516BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 19 13:25:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	485066	83.968	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	292838	39.542	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	306524	40.416	ng	99
46) 1,1'-Biphenyl	9.34	154	1132477	43.075	ng	97
47) 2-Chloronaphthalene	9.37	162	889114	40.615	ng	96
48) 2-Nitroaniline	9.46	65	267353	39.458	ng	97
49) Acenaphthylene	9.78	152	1351818	41.675	ng	99
50) Dimethylphthalate	9.64	163	1015628	40.141	ng	99
51) 2,6-Dinitrotoluene	9.70	165	230271	40.047	ng	93
52) Acenaphthene	9.96	154	939349	44.854	ng	99
53) 3-Nitroaniline	9.87	138	174103	26.496	ng	97
54) 2,4-Dinitrophenol	9.98	184	233799	79.197	ng	95
55) Dibenzofuran	10.13	168	1205958	40.550	ng	99
56) 4-Nitrophenol	10.03	139	367838	73.412	ng	97
57) 2,4-Dinitrotoluene	10.10	165	305564	41.019	ng	96
58) Fluorene	10.47	166	888405	41.786	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	258773	40.816	ng	99
60) Diethylphthalate	10.34	149	971544	40.982	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	464942	39.434	ng	96
62) 4-Nitroaniline	10.48	138	236335	37.497	ng	94
63) Azobenzene	10.62	77	979680	42.605	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	156349	40.641	ng	97
66) n-Nitrosodiphenylamine	10.57	169	817000	41.712	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	288113	40.040	ng	95
68) Hexachlorobenzene	11.02	284	321512	39.126	ng	# 92
69) Atrazine	11.10	200	264442	41.155	ng	99
70) Pentachlorophenol	11.22	266	363916	72.408	ng	99
71) Phenanthrene	11.43	178	1320478	40.912	ng	98
72) Anthracene	11.49	178	1367178	40.987	ng	99
73) Carbazole	11.63	167	1188644	40.636	ng	100
74) Di-n-butylphthalate	11.96	149	1468785	40.765	ng	99
75) Fluoranthene	12.62	202	1353190	39.675	ng	99
77) Benzidine	12.73	184	660838	43.237	ng	100
78) Pyrene	12.85	202	1377284	37.678	ng	98
80) Butylbenzylphthalate	13.46	149	625186	40.121	ng	99
81) Benzo(a)anthracene	14.03	228	1136572	39.987	ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	291525	28.851	ng	99
83) Chrysene	14.07	228	1125520	39.446	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	839298	43.483	ng	# 98
85) Di-n-octyl phthalate	14.63	149	1375163	44.777	ng	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	948182	39.114	ng	99
88) Benzo(b)fluoranthene	15.09	252	1046308	39.970	ng	98
89) Benzo(k)fluoranthene	15.12	252	983649	42.146	ng	98
90) Benzo(a)pyrene	15.46	252	933779	41.502	ng	98
91) Dibenzo(a,h)anthracene	17.02	278	788765	39.933	ng	99
92) Benzo(g,h,i)perylene	17.45	276	783426	39.769	ng	99

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

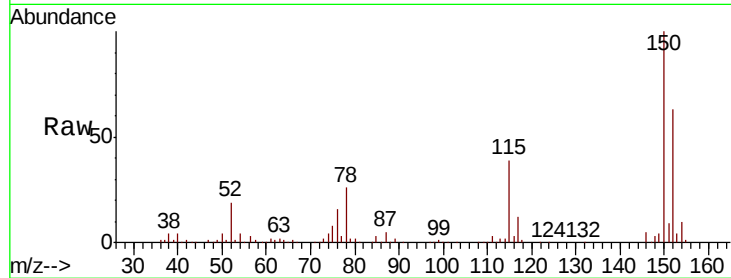


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF115666.D
 Acq: 19 Jul 2019 9:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	129.7	194.5
115	61.3	48.2	72.4

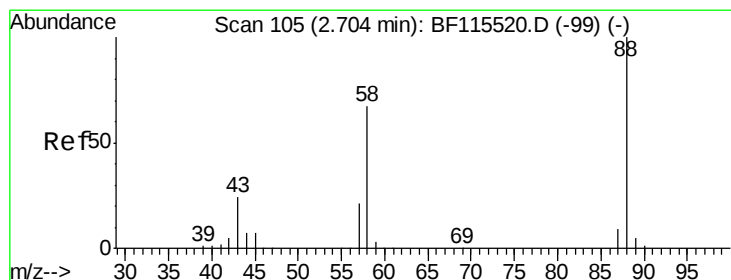
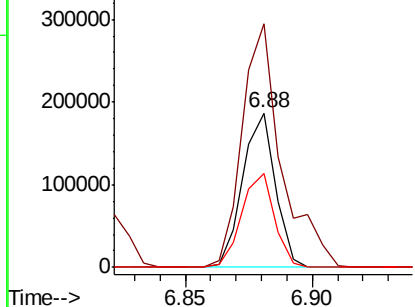
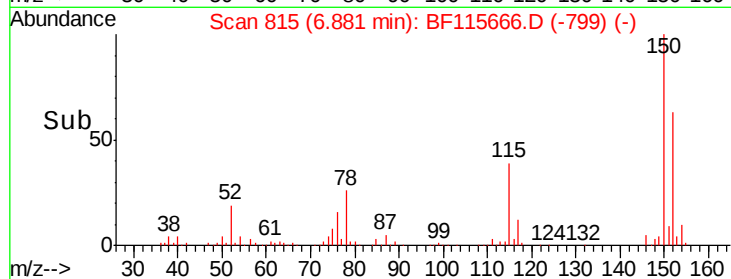


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

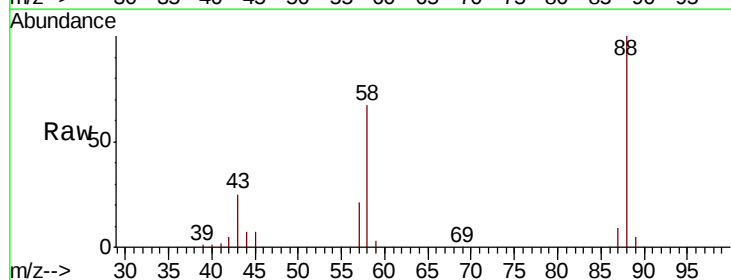
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 38.230 ng
 RT: 2.78 min Scan# 118
 Delta R.T. 0.08 min
 Lab File: BF115666.D
 Acq: 19 Jul 2019 9:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.7	52.6	79.0
43	24.9	19.1	28.7

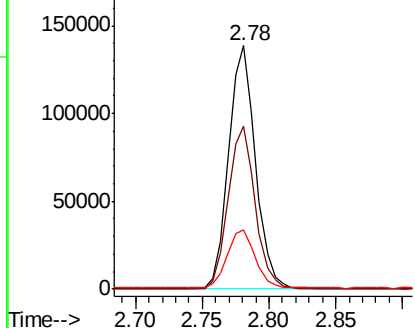
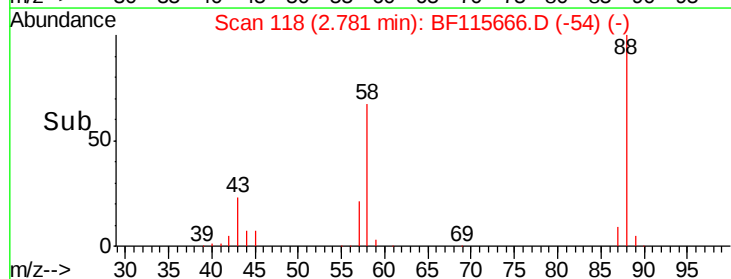


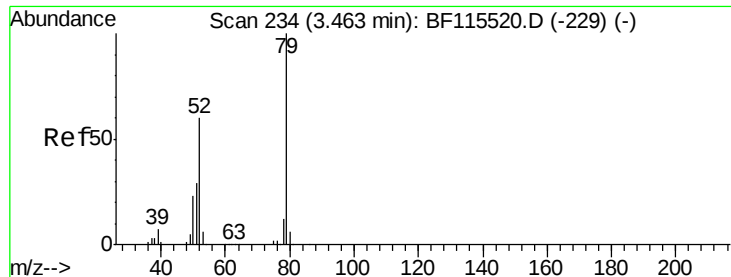
Abundance

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: 35.789 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.06 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

Instrument :

BNA_F

ClientSampleId :

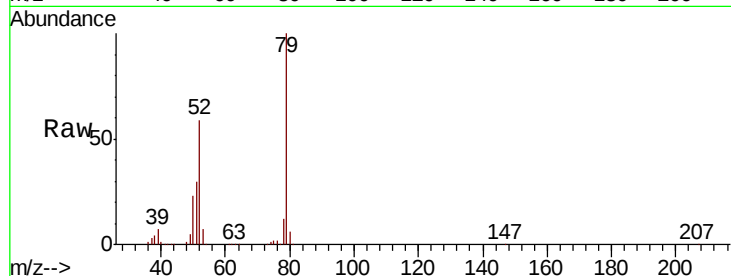
Tot Ion: 79 Resp: 496726

Ion Ratio Lower Upper

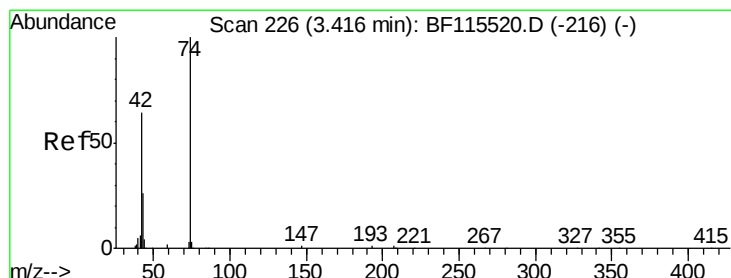
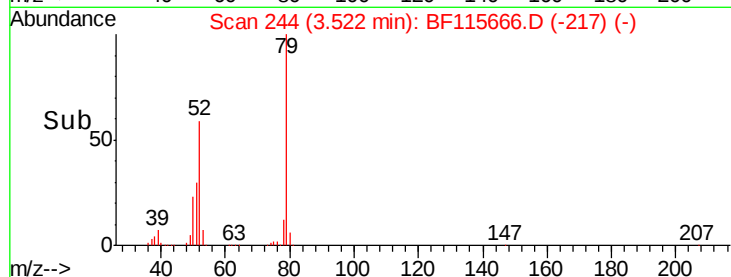
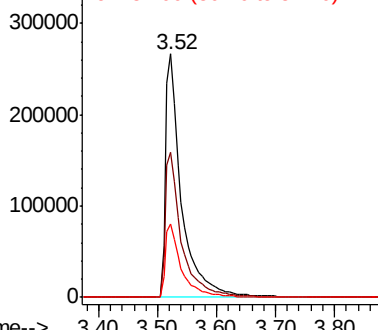
79 100

52 59.4 47.8 71.6

51 30.1 23.8 35.8



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



#4

n-Nitrosodimethylamine

Concen: 40.544 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.05 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

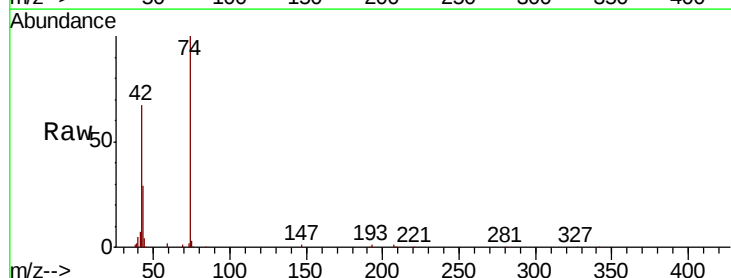
Tgt Ion: 42 Resp: 204141

Ion Ratio Lower Upper

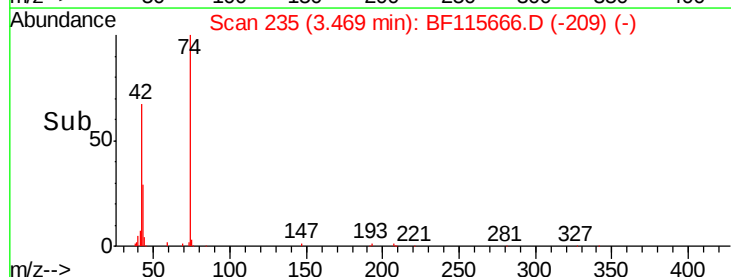
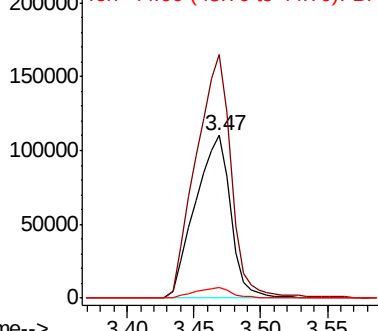
42 100

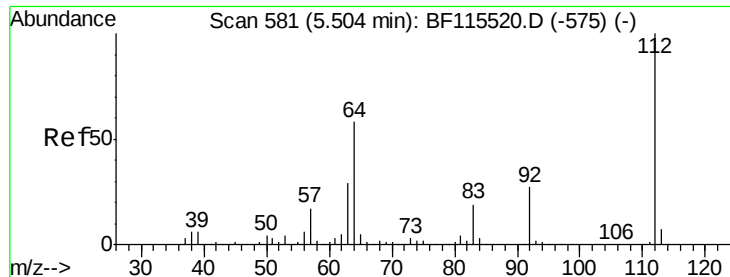
74 149.5 127.5 191.3

44 6.4 5.0 7.6



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





#5

2-Fluorophenol

Concen: 81.567 ng

RT: 5.51 min Scan# 582

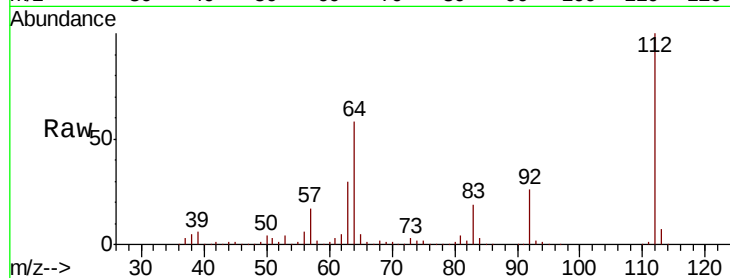
Delta R.T. 0.01 min

Lab File: BF115666.D

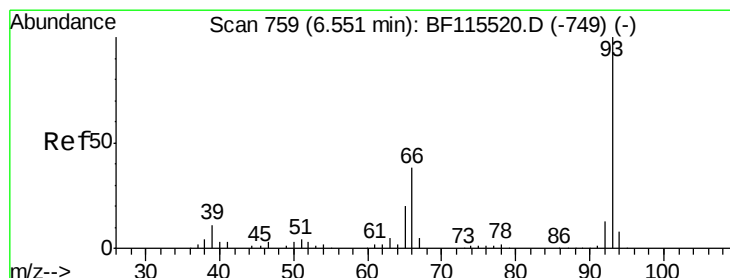
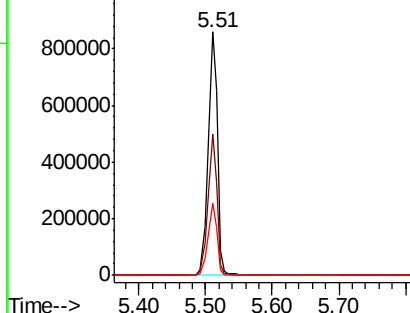
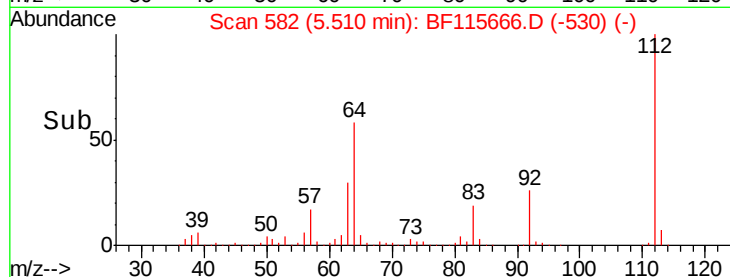
Acq: 19 Jul 2019 9:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	836509
Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.8	70.2
63	29.6	24.1	36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.141 ng

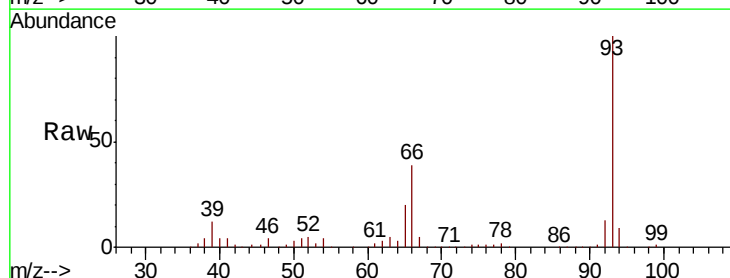
RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

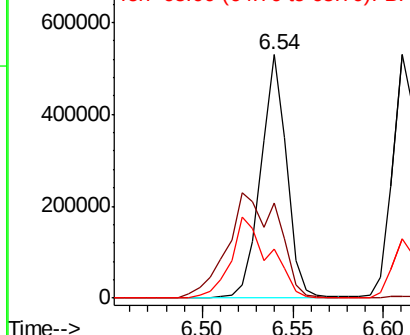
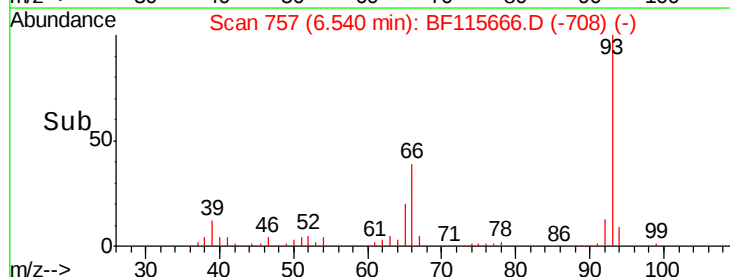
Lab File: BF115666.D

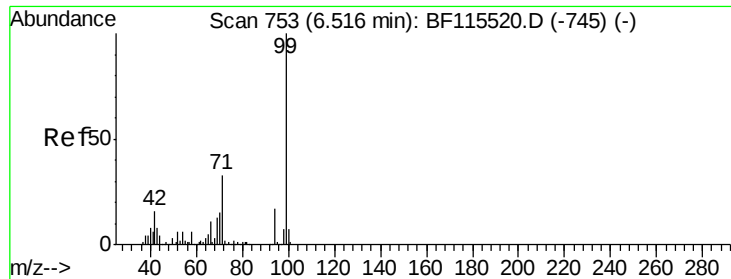
Acq: 19 Jul 2019 9:43

Tgt Ion:	93	Resp:	527731
Ion	Ratio	Lower	Upper
93	100		
66	38.9	31.7	47.5
65	20.1	16.2	24.2



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: 81.323 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

Instrument :

BNA_F

ClientSampled :

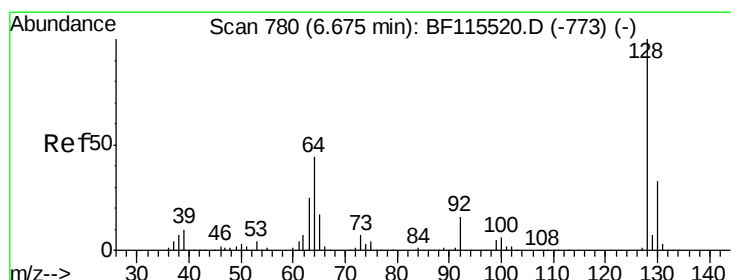
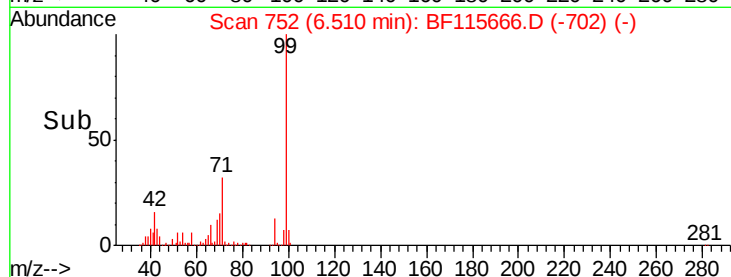
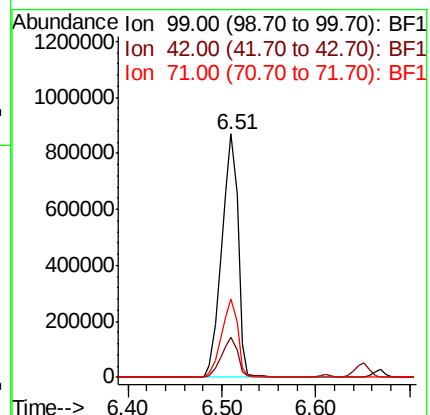
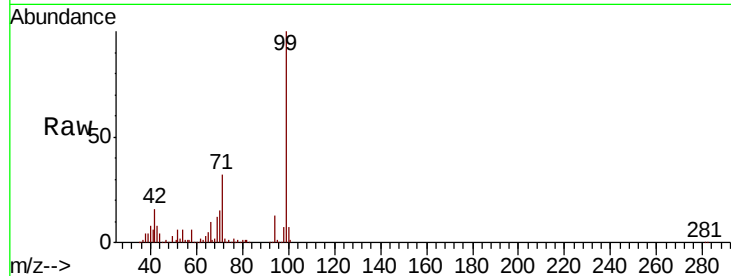
Tot Ion: 99 Resp: 1058248

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

71 32.4 28.5 42.7



#8

2-Chlorophenol

Concen: 40.594 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

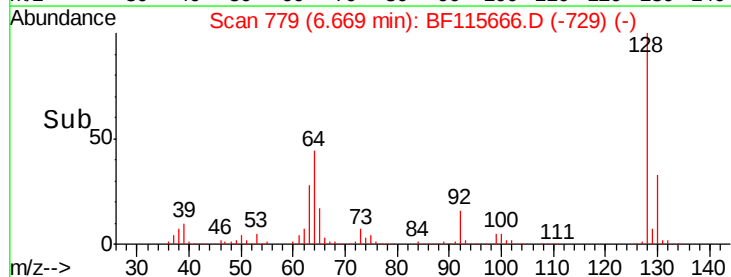
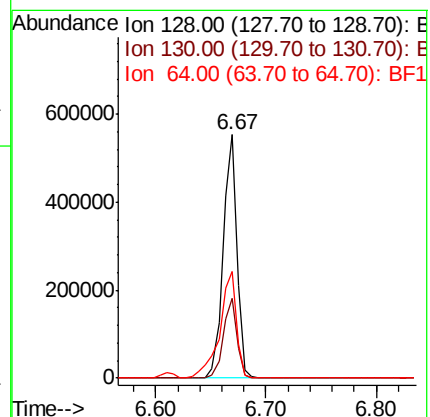
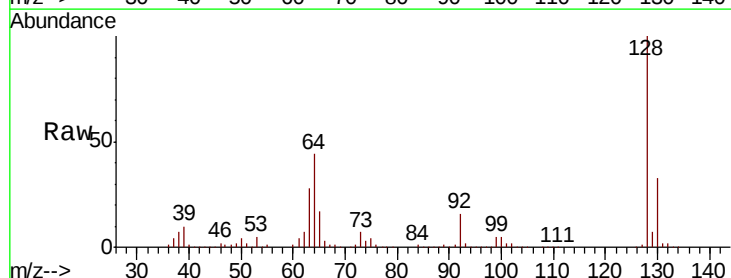
Tgt Ion: 128 Resp: 478645

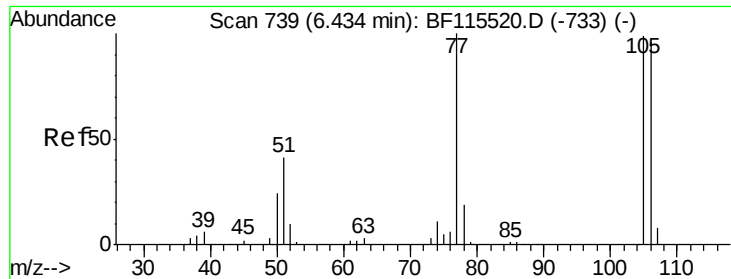
Ion Ratio Lower Upper

128 100

130 32.8 12.8 52.8

64 43.5 26.8 66.8





#9

Benzaldehyde

Concen: 31.164 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

Instrument :

BNA_F

ClientSampleId :

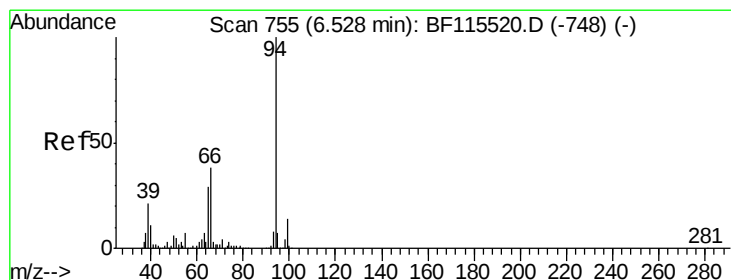
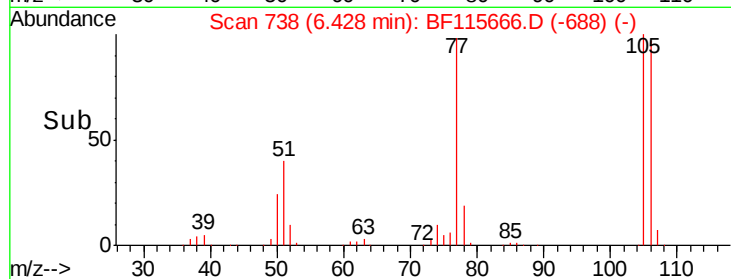
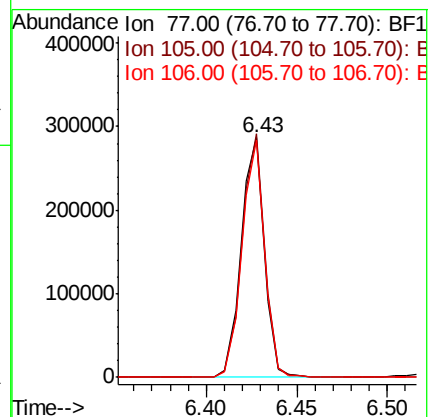
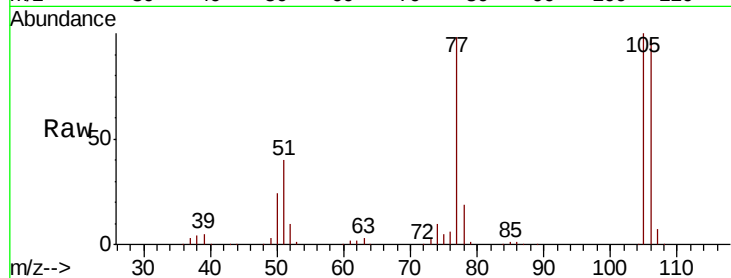
Tot Ion: 77 Resp: 253422

Ion Ratio Lower Upper

77 100

105 101.7 78.8 118.8

106 99.0 75.6 115.6



#10

Phenol

Concen: 40.454 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

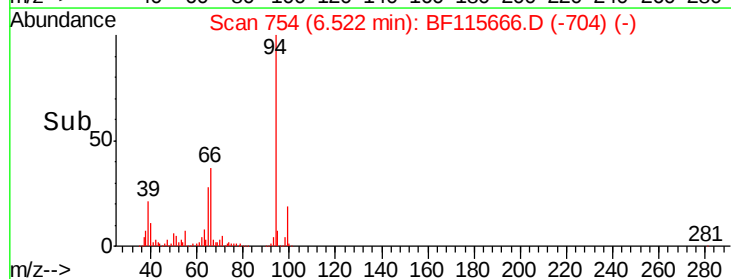
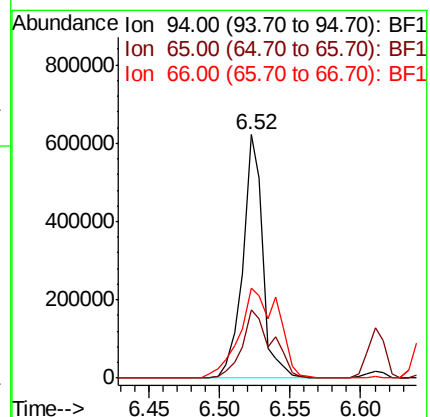
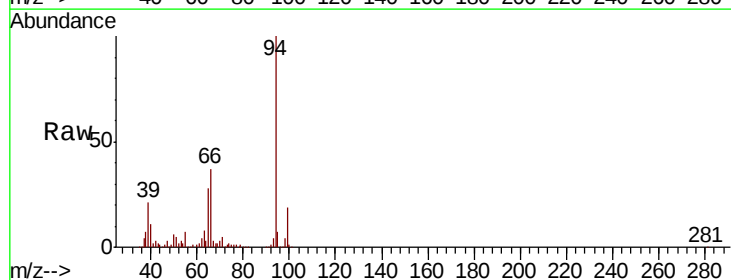
Tgt Ion: 94 Resp: 611113

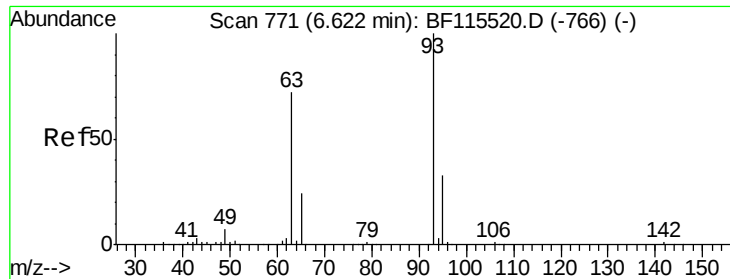
Ion Ratio Lower Upper

94 100

65 28.2 14.5 54.5

66 37.0 31.3 71.3

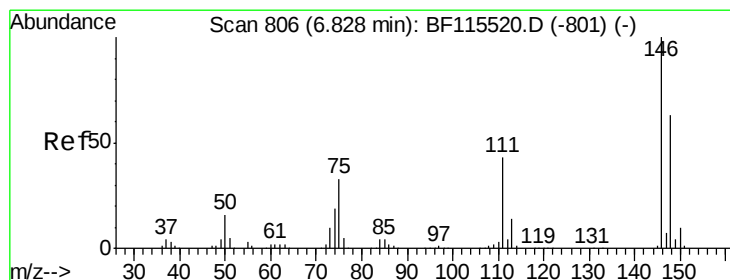
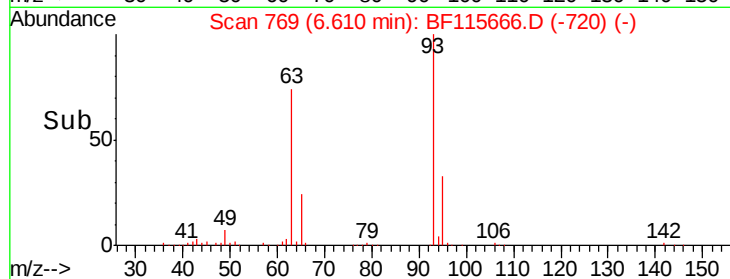
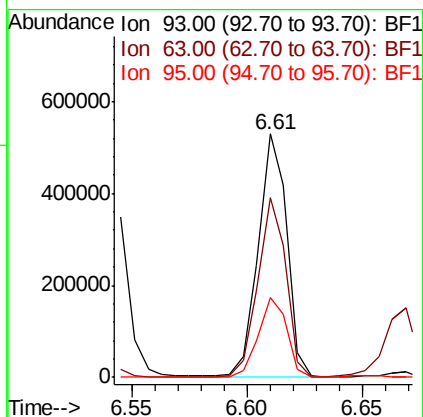
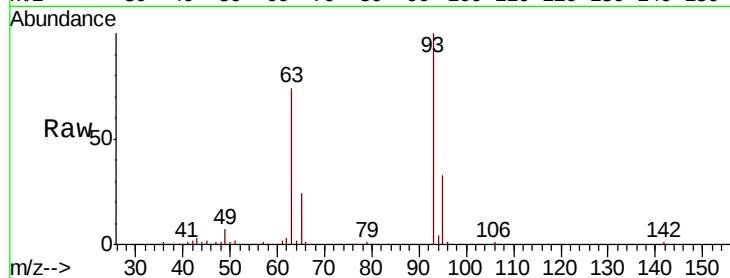




#11
bis(2-Chloroethyl)ether
Concen: 39.741 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

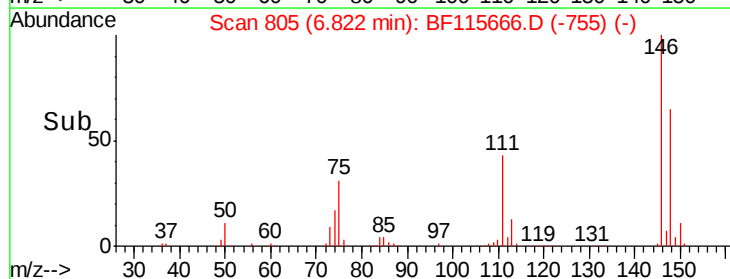
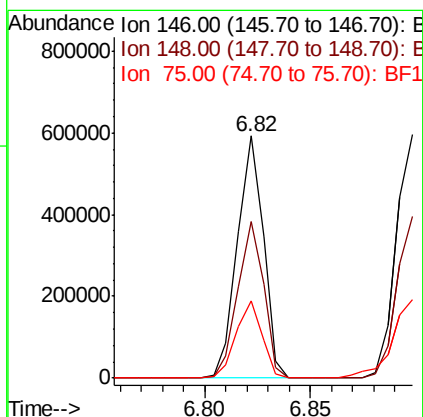
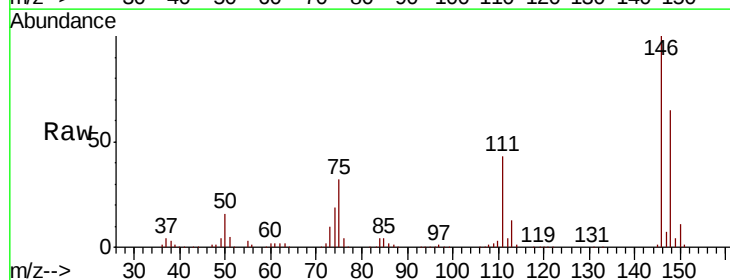
Instrument :
BNA_F
ClientSampleId :

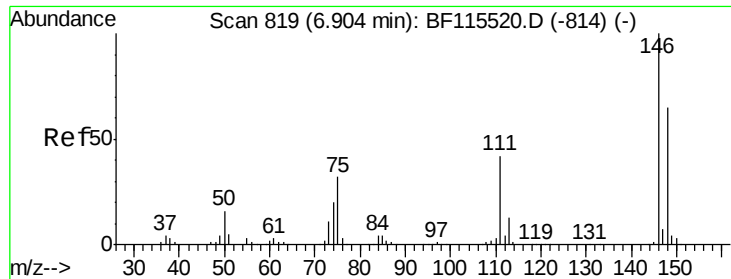
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.8	52.2	92.2
95	32.7	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 38.174 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.1	78.1
75	31.7	24.9	37.3

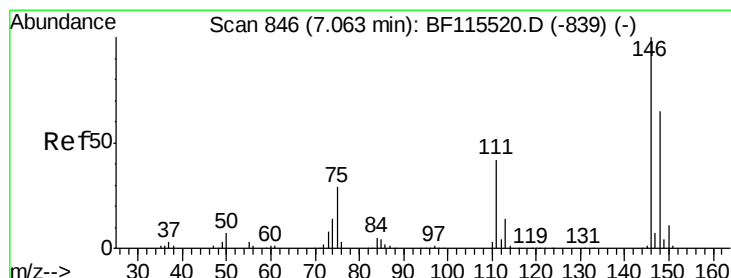
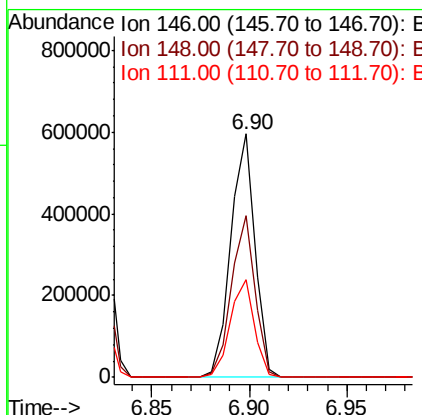
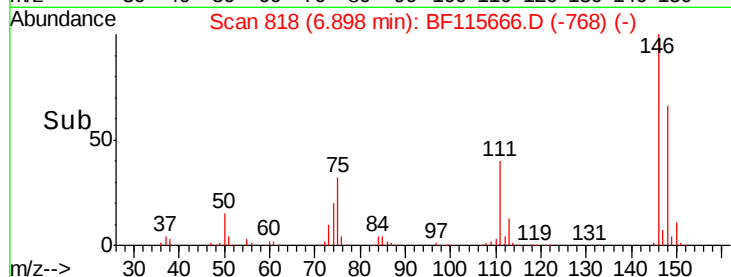
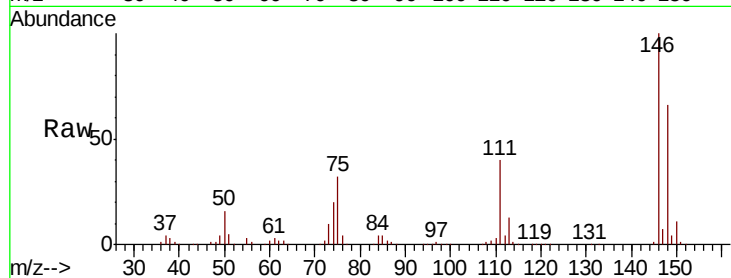




#13
 1,4-Dichlorobenzene
 Concen: 38.667 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF115666.D
 Acq: 19 Jul 2019 9:43

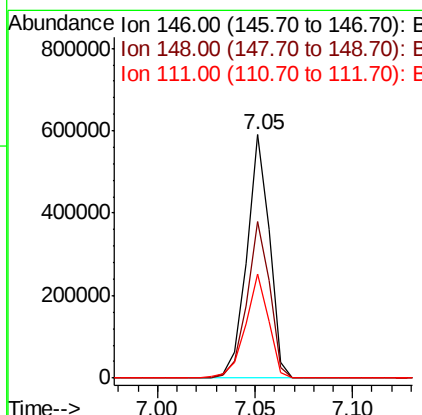
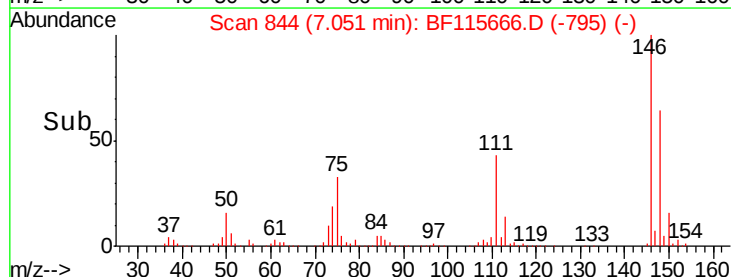
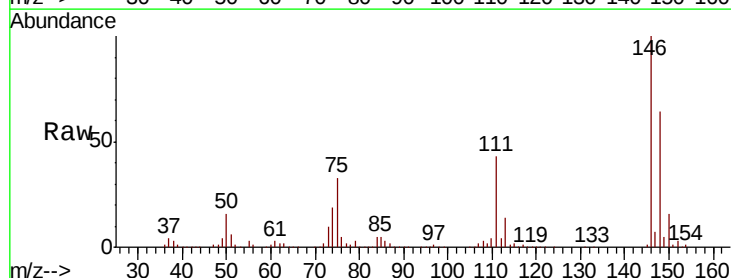
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 511450
 Ion Ratio Lower Upper
 146 100
 148 66.2 51.8 77.6
 111 40.3 35.5 53.3



#14
 1,2-Dichlorobenzene
 Concen: 39.225 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF115666.D
 Acq: 19 Jul 2019 9:43

Tgt Ion:146 Resp: 474281
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.1 76.7
 111 42.8 37.6 56.4





#15

Benzyl Alcohol

Concen: 39.630 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

Instrument :

BNA_F

ClientSampled :

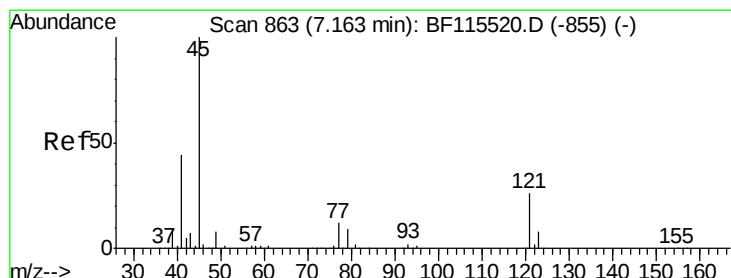
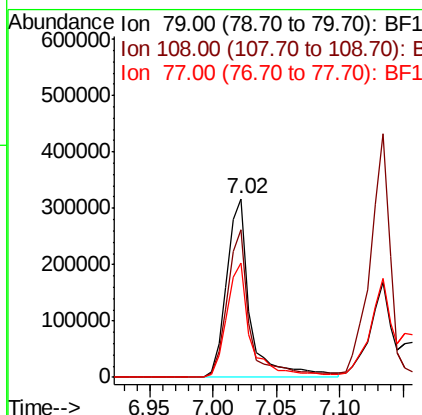
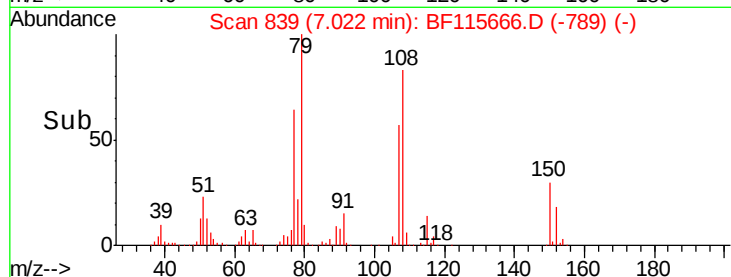
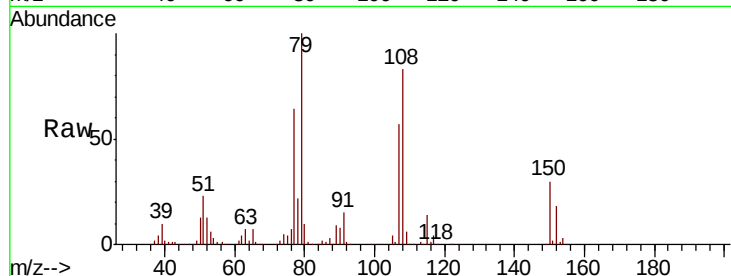
Tot Ion: 79 Resp: 409100

Ion Ratio Lower Upper

79 100

108 82.5 64.2 96.4

77 64.3 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.447 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

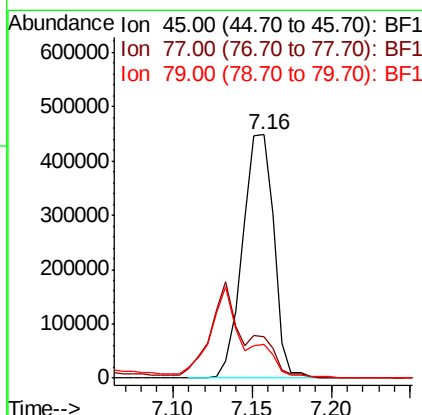
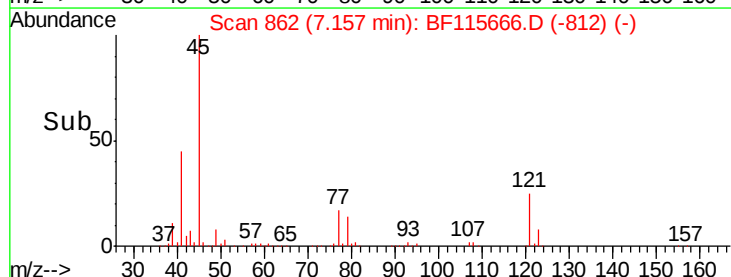
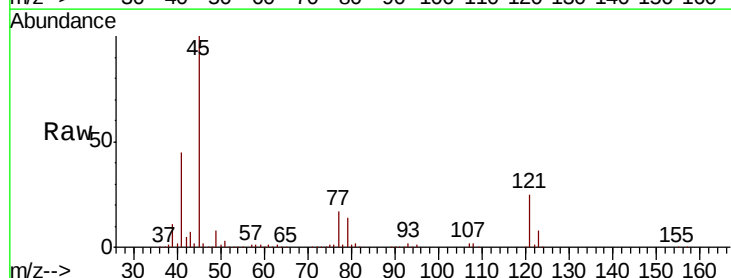
Tgt Ion: 45 Resp: 612433

Ion Ratio Lower Upper

45 100

77 16.9 0.0 38.1

79 13.7 0.0 34.1

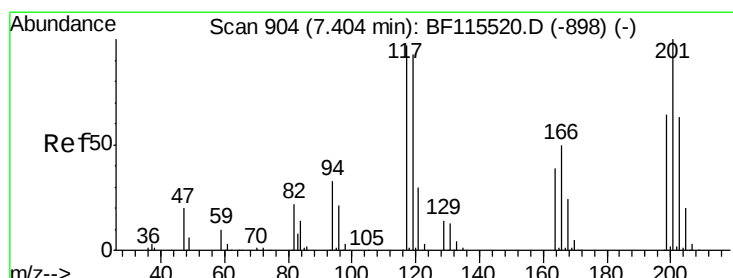
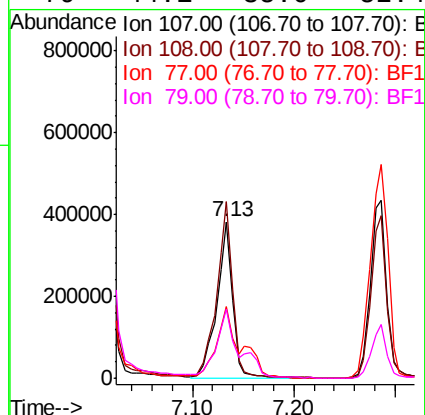
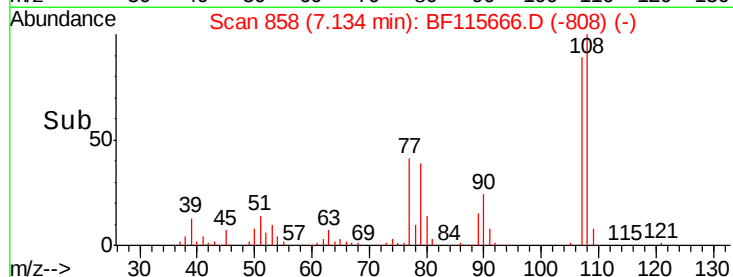
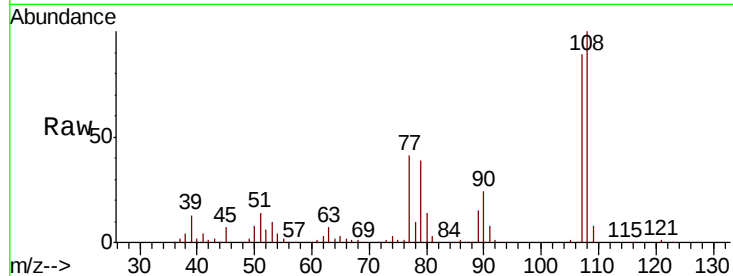




#17
2-Methylphenol
Concen: 41.274 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

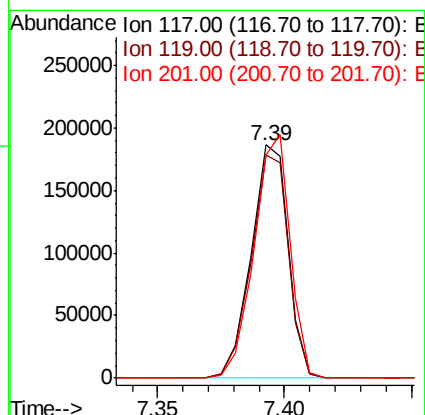
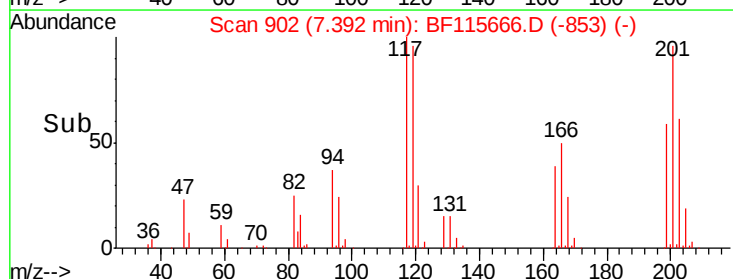
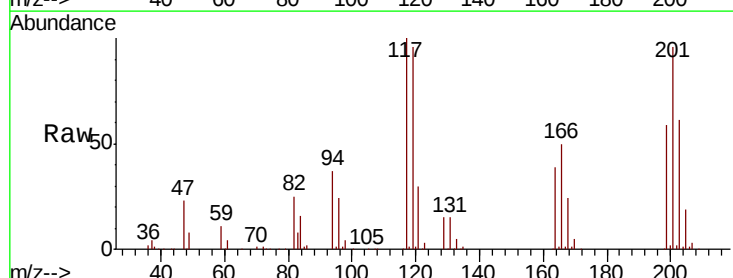
Instrument :
BNA_F
ClientSampleId :

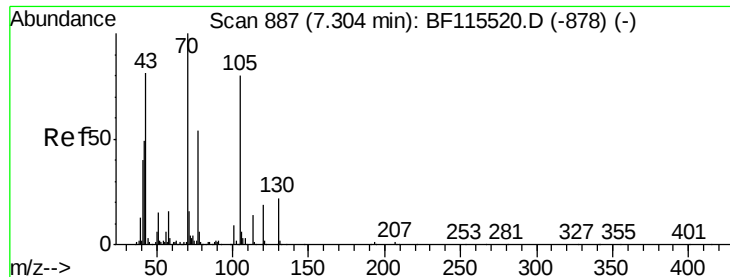
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	89.4	134.2
77	46.1	35.7	53.5
79	44.1	35.0	52.4



#18
Hexachloroethane
Concen: 38.672 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.7	116.5
201	95.7	86.0	129.0

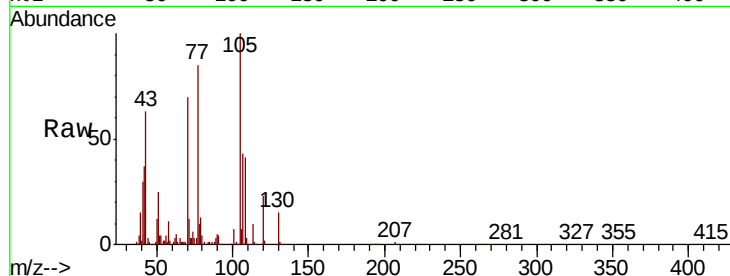




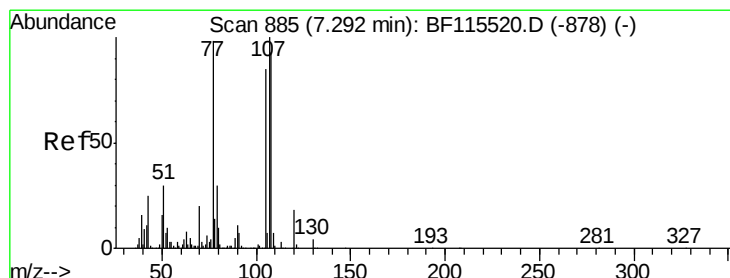
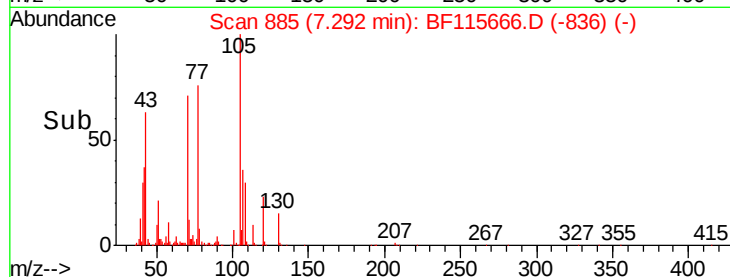
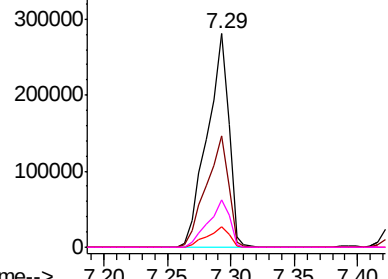
#19
n-Nitroso-di-n-propylamine
Concen: 38.916 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	330279
Ion	Ratio	Lower	Upper
70	100		
42	52.1	39.6	59.4
101	9.5	8.1	12.1
130	21.9	18.2	27.2



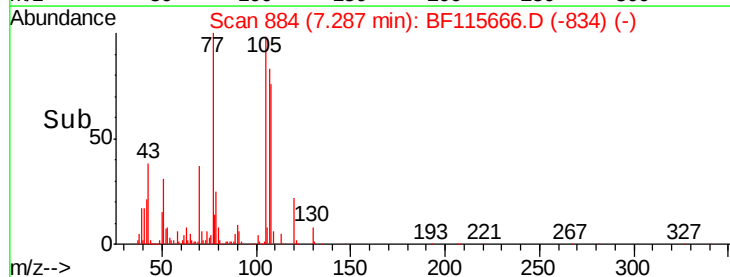
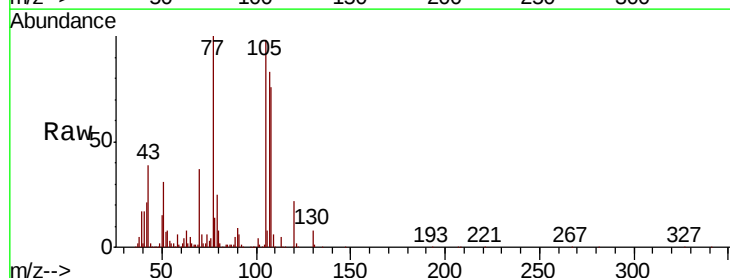
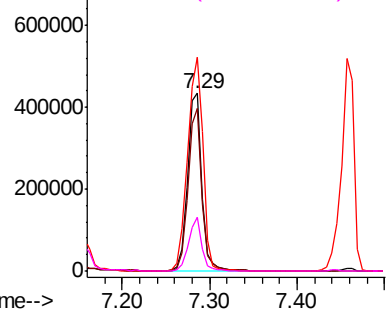
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 40.281 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Tgt Ion:	107	Resp:	486181
Ion	Ratio	Lower	Upper
107	100		
108	91.7	72.9	112.9
77	120.2	77.6	117.6#
79	30.2	10.5	50.5

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 678415

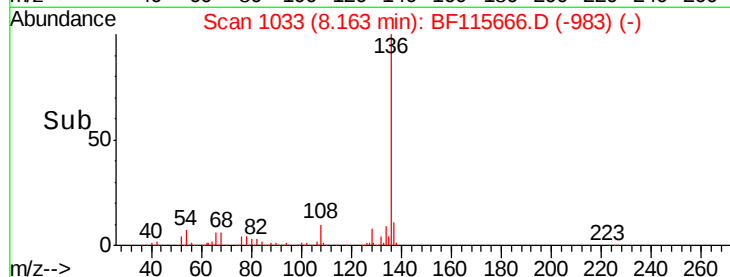
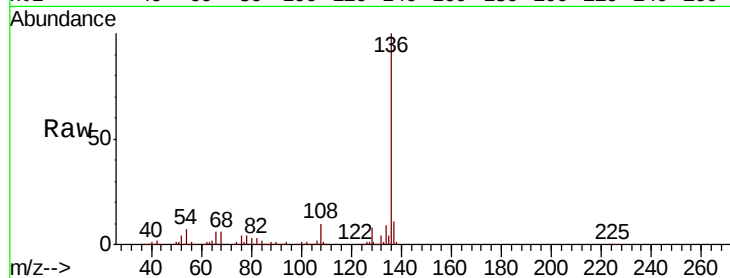
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.2 5.6 8.4

68 6.3 5.0 7.6

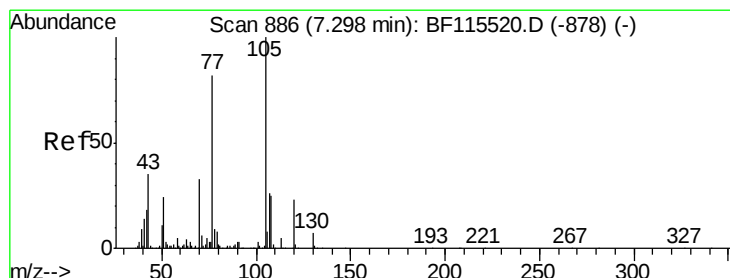
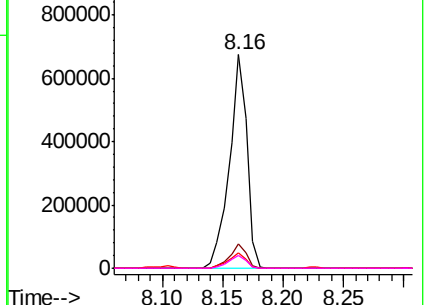


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.206 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

Tgt Ion:105 Resp: 646869

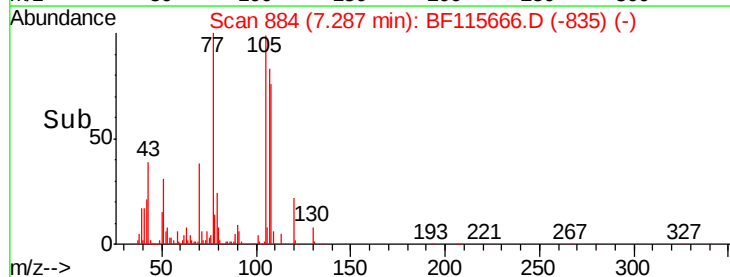
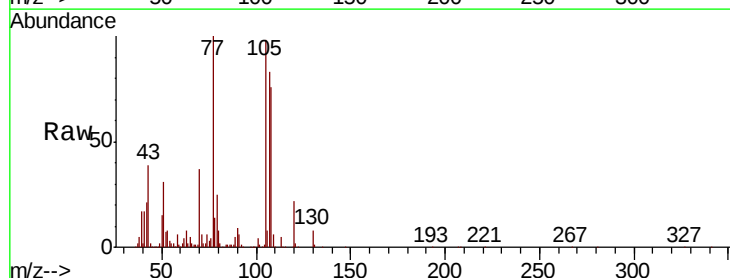
Ion Ratio Lower Upper

105 100

71 6.3 3.5 5.3#

51 31.4 25.6 38.4

120 22.4 17.9 26.9

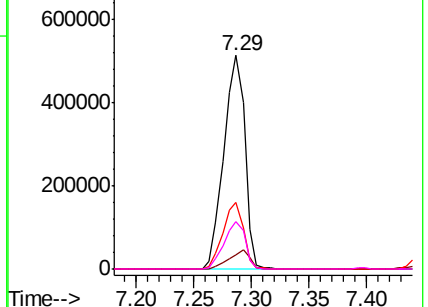


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

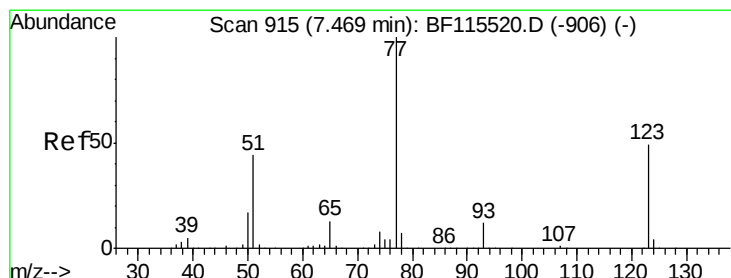
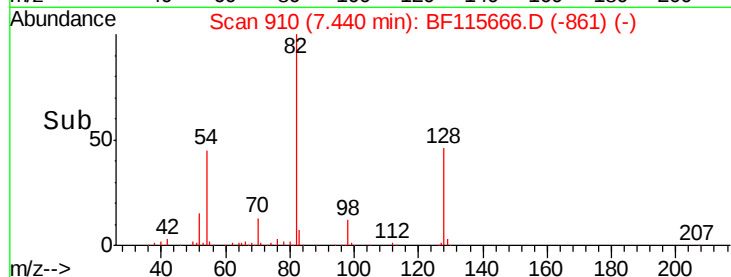
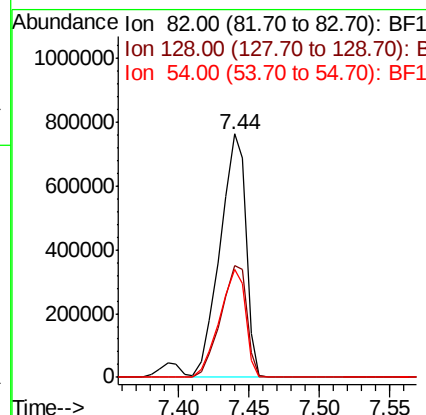
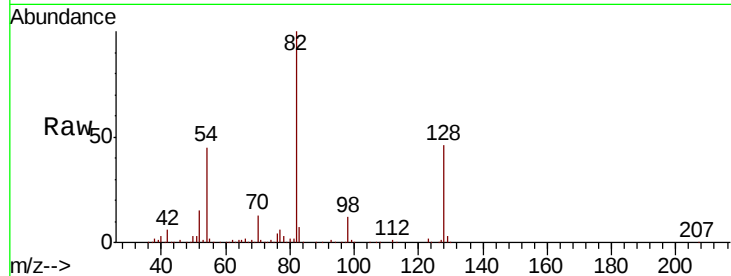




#23
 Nitrobenzene-d5
 Concen: 83.381 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF115666.D
 Acq: 19 Jul 2019 9:43

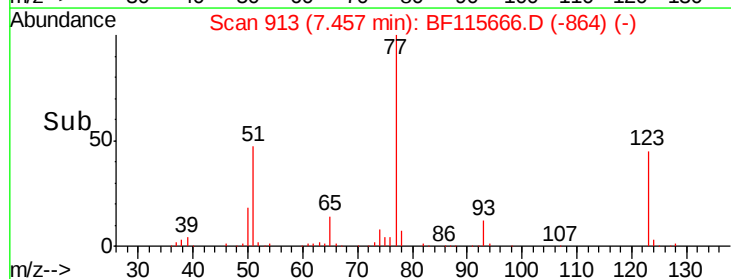
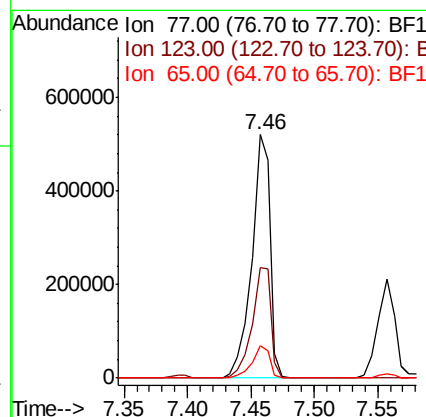
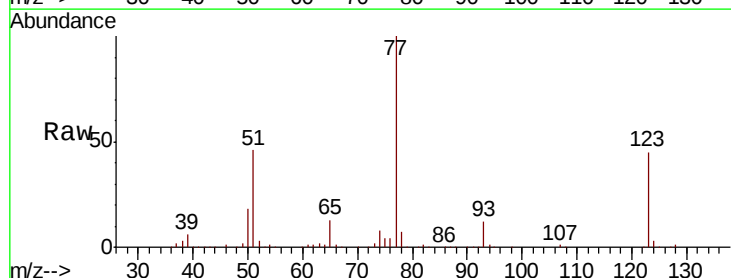
Instrument :
 BNA_F
 ClientSampleId :

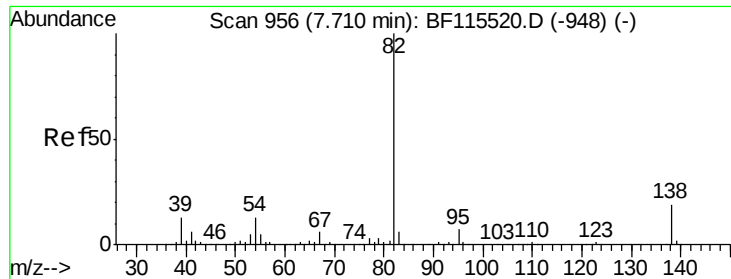
Tot Ion	82	Resp	972838
Ion Ratio	Lower	Upper	
82	100		
128	45.9	38.6	57.8
54	44.6	35.6	53.4



#24
 Nitrobenzene
 Concen: 41.402 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF115666.D
 Acq: 19 Jul 2019 9:43

Tgt Ion	77	Resp	521014
Ion Ratio	Lower	Upper	
77	100		
123	45.2	40.0	60.0
65	13.3	11.0	16.4





#25

Isophorone

Concen: 41.047 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :

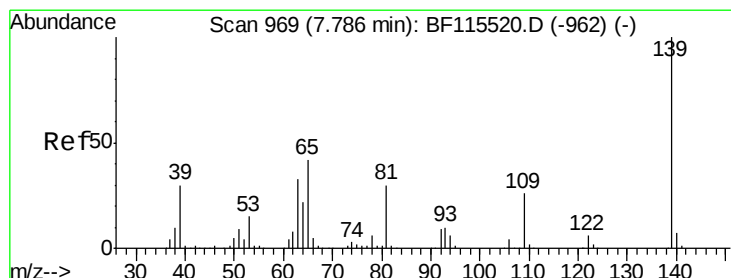
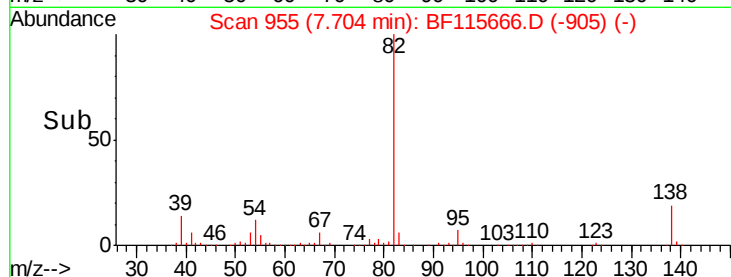
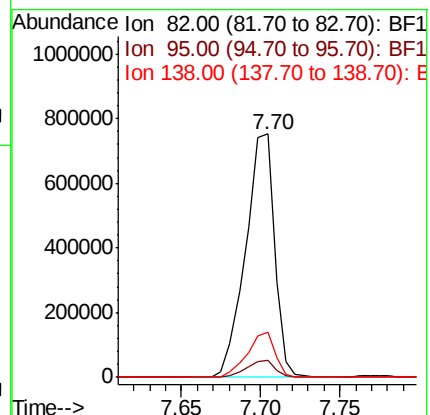
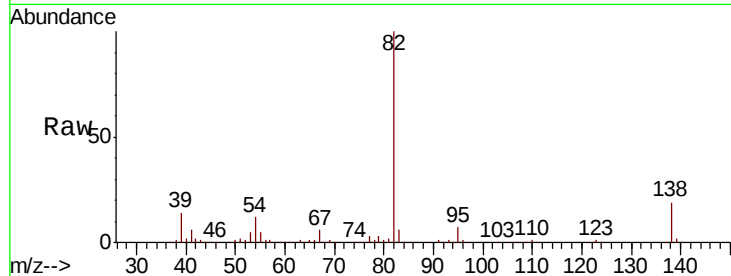
Tot Ion: 82 Resp: 958309

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 18.6 14.9 22.3



#26

2-Nitrophenol

Concen: 41.161 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

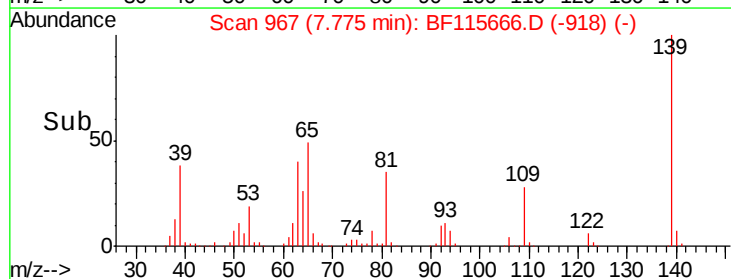
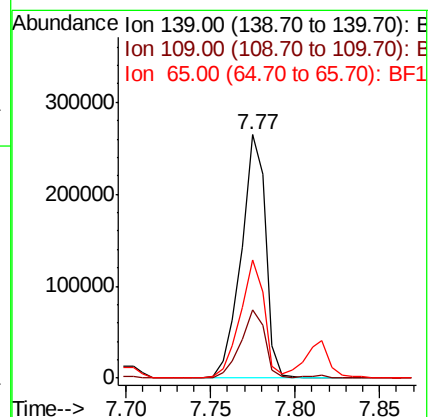
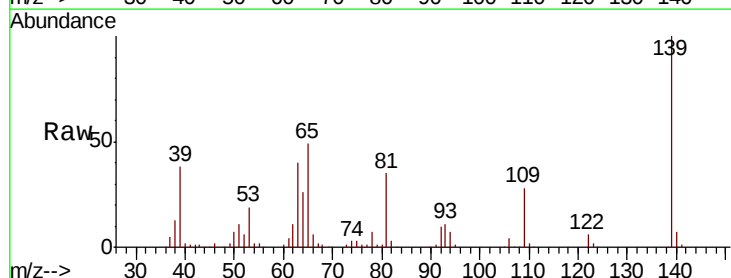
Tgt Ion: 139 Resp: 266612

Ion Ratio Lower Upper

139 100

109 27.9 23.3 34.9

65 48.7 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 48.023 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

Instrument :

BNA_F

ClientSampleId :

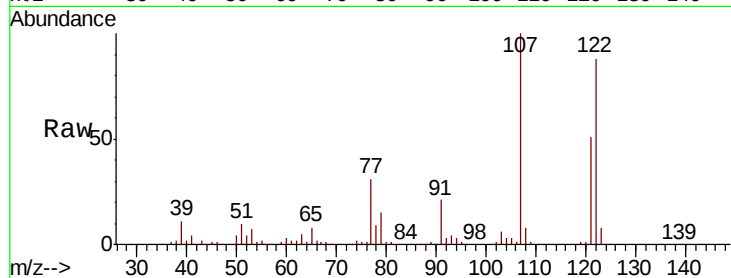
Tot Ion:122 Resp: 465421

Ion Ratio Lower Upper

122 100

107 113.2 92.9 139.3

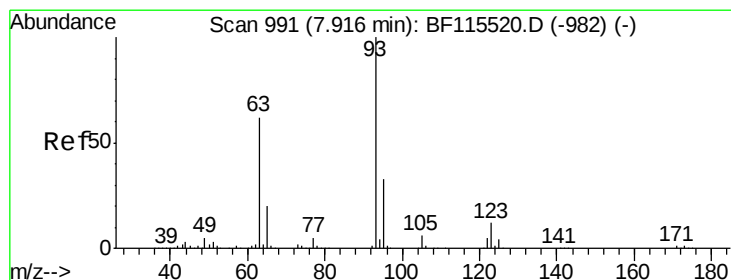
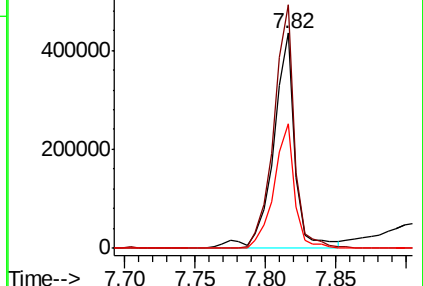
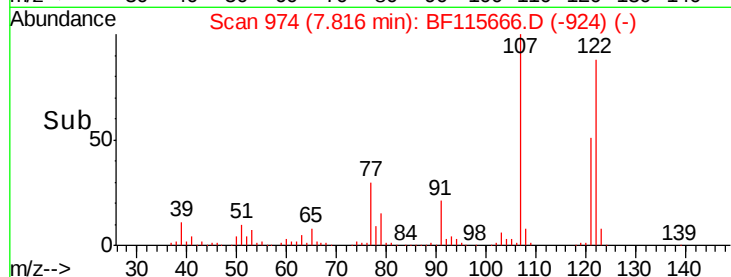
121 57.7 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.199 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

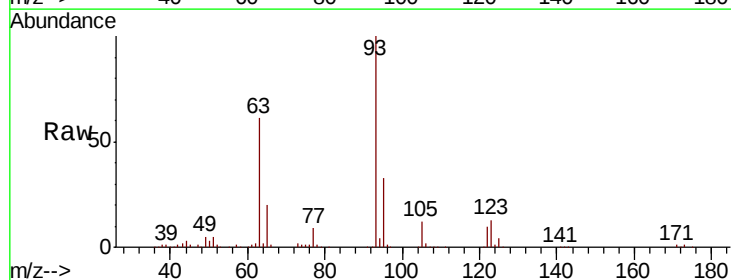
Tgt Ion: 93 Resp: 590079

Ion Ratio Lower Upper

93 100

95 33.2 27.0 40.4

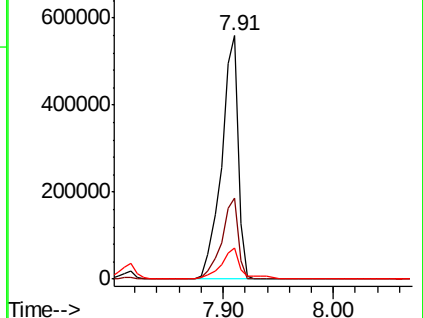
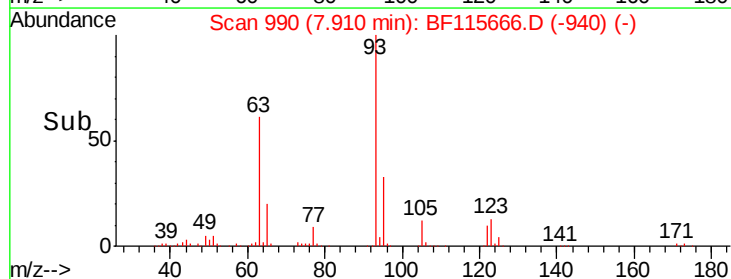
123 12.7 9.9 14.9



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

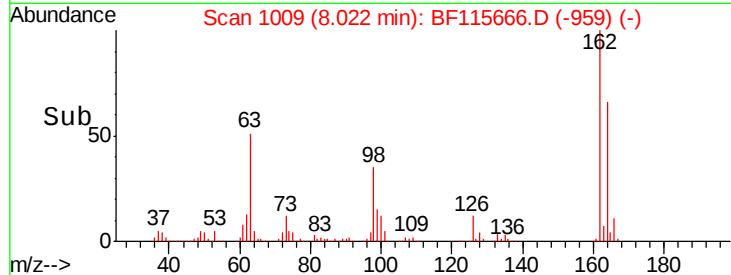
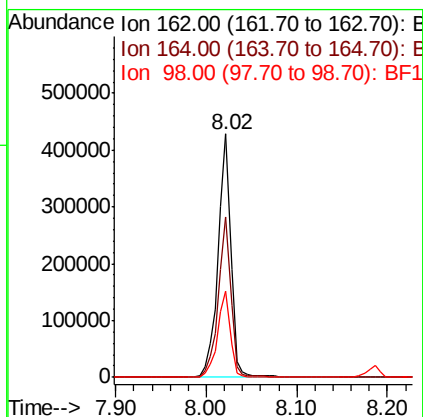
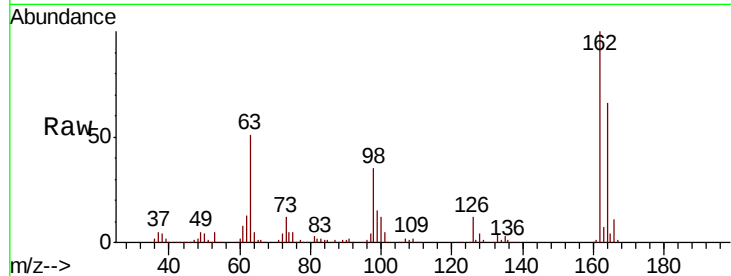




#29
 2,4-Dichlorophenol
 Concen: 41.254 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF115666.D
 Acq: 19 Jul 2019 9:43

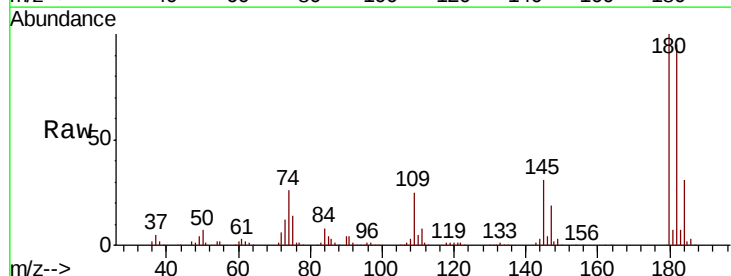
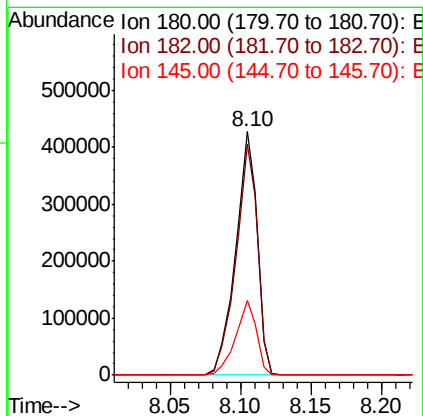
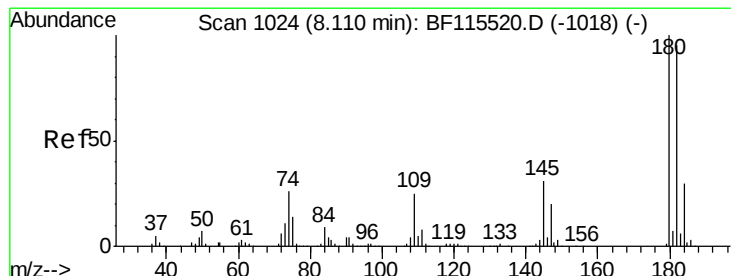
Instrument :
 BNA_F
 ClientSampled :

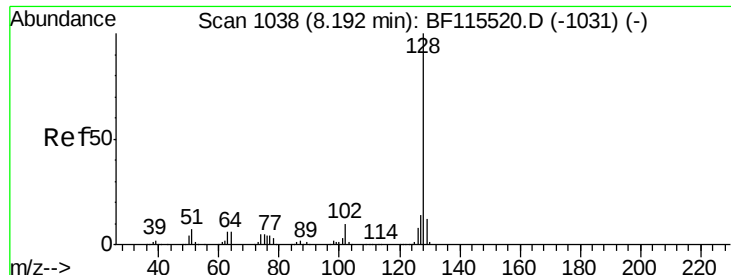
Tot Ion:162 Resp: 415812
 Ion Ratio Lower Upper
 162 100
 164 65.6 44.9 84.9
 98 35.5 17.7 57.7



#30
 1,2,4-Trichlorobenzene
 Concen: 39.647 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF115666.D
 Acq: 19 Jul 2019 9:43

Tgt Ion:180 Resp: 451713
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.0 112.6
 145 30.6 25.1 37.7

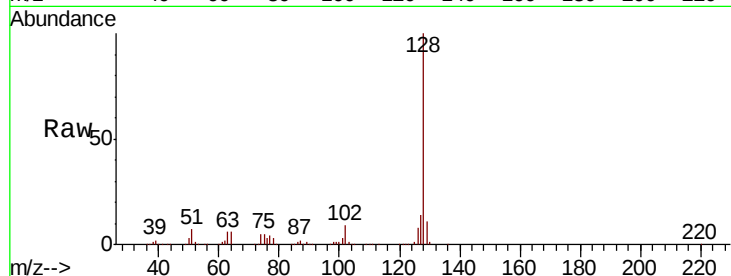




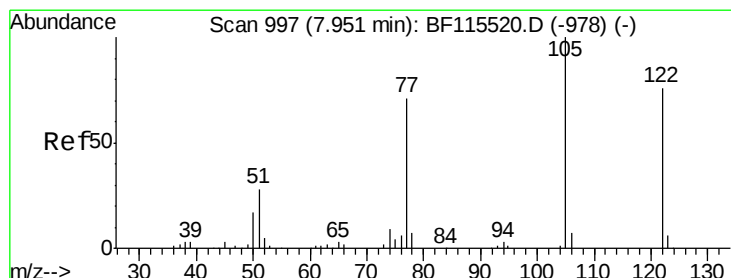
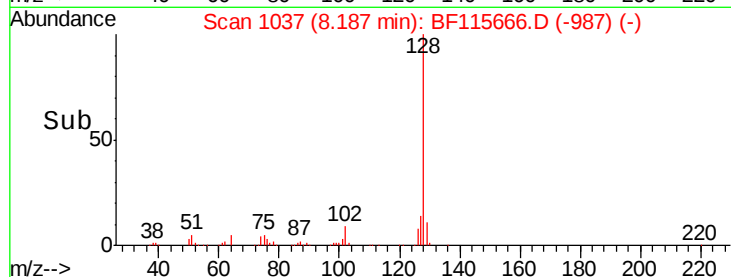
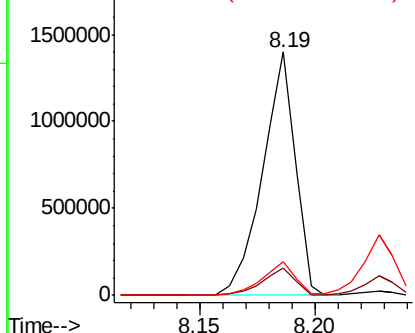
#31
Naphthalene
Concen: 42.020 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1380587
Ion Ratio Lower Upper
128 100
129 11.4 9.9 14.9
127 13.6 12.1 18.1

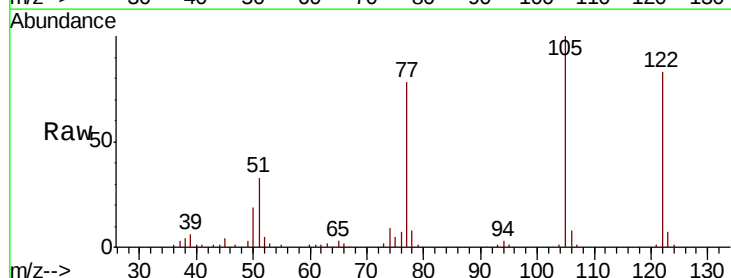


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

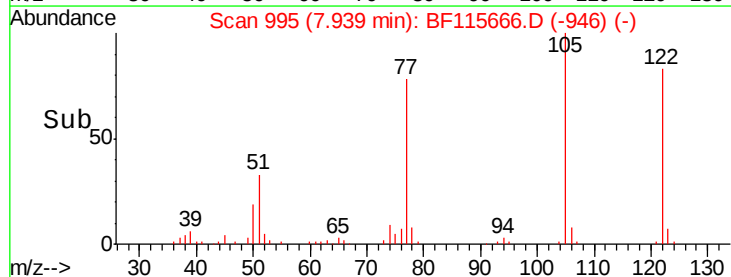
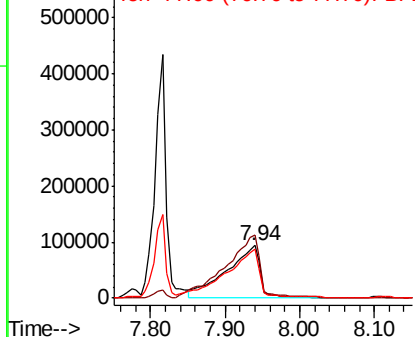


#32
Benzoic acid
Concen: 36.559 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Tgt Ion:122 Resp: 290773
Ion Ratio Lower Upper
122 100
105 120.3 102.5 142.5
77 94.0 70.2 110.2



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

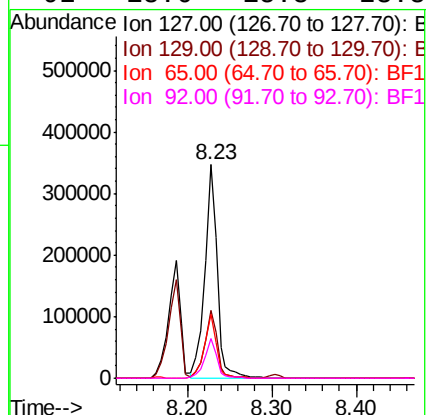
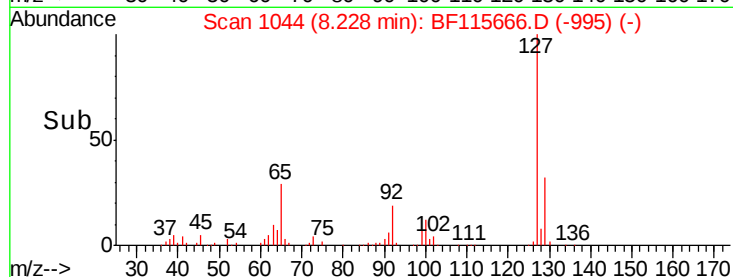
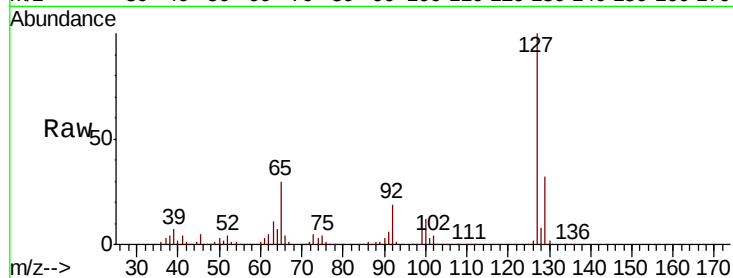




#33
4-Chloroaniline
Concen: 24.137 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

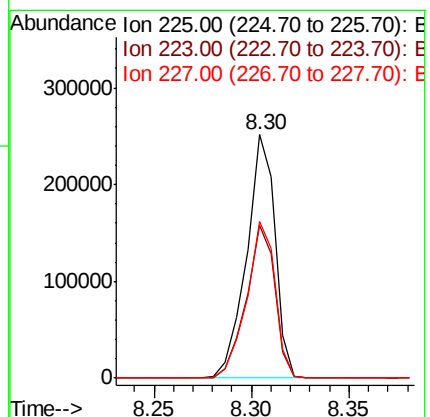
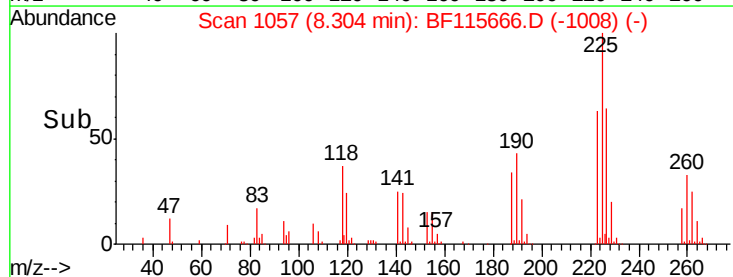
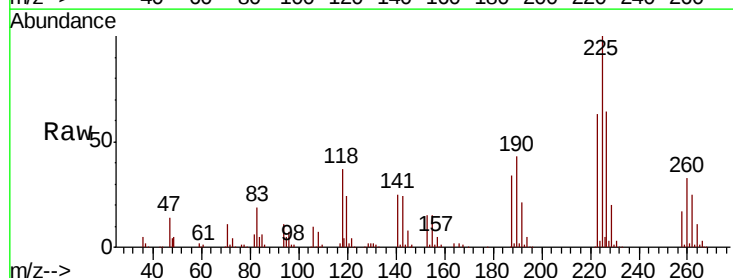
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	351271
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.6	39.8
65	30.0	23.7	35.5
92	18.6	15.8	23.8



#34
Hexachlorobutadiene
Concen: 38.941 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Tgt Ion:	225	Resp:	254424
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.9	76.3
227	64.2	50.7	76.1

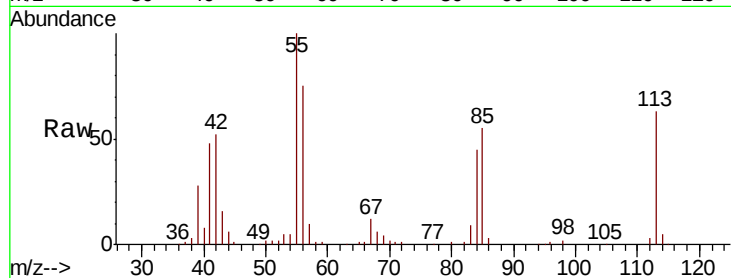




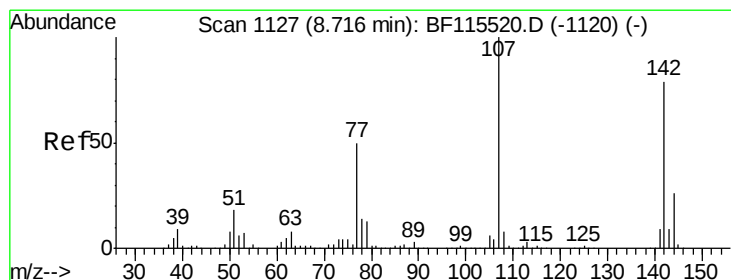
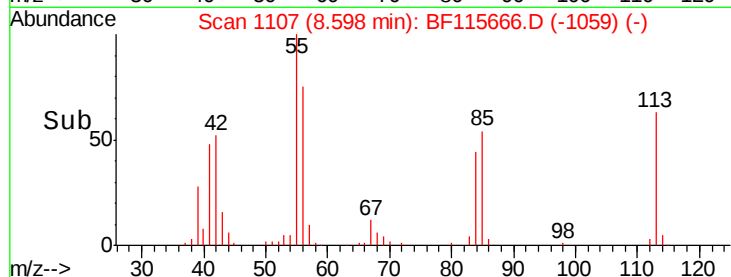
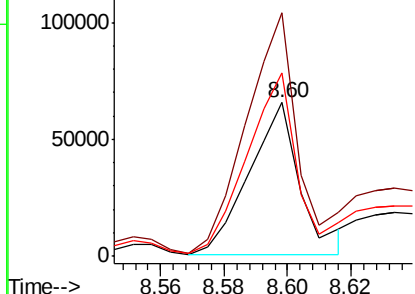
#35
Caprolactam
Concen: 23.388 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.02 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 72843
Ion Ratio Lower Upper
113 100
55 158.5 126.9 166.9
56 119.2 90.3 130.3

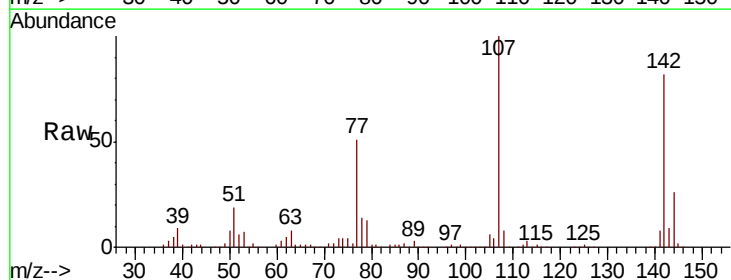


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

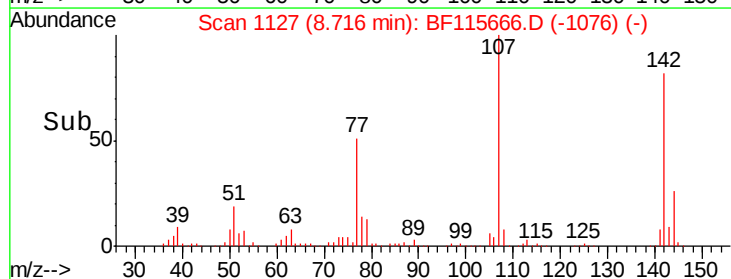
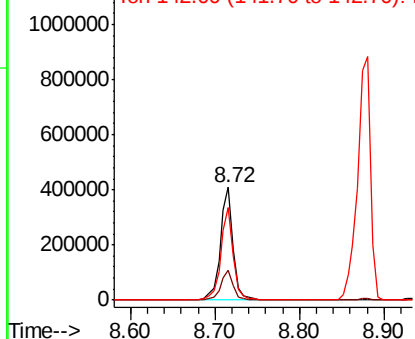


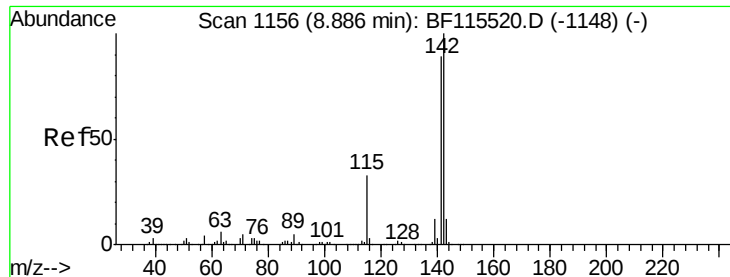
#36
4-Chloro-3-methylphenol
Concen: 41.432 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Tgt Ion:107 Resp: 433182
Ion Ratio Lower Upper
107 100
144 26.4 20.6 30.8
142 82.5 63.1 94.7



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

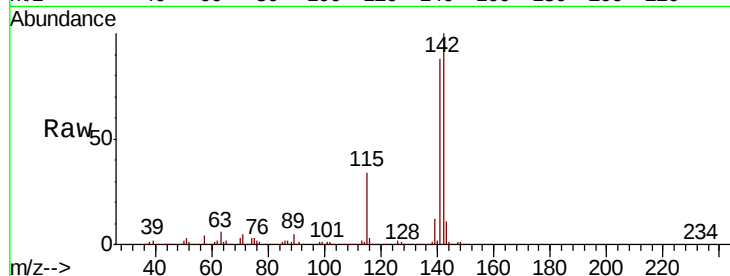




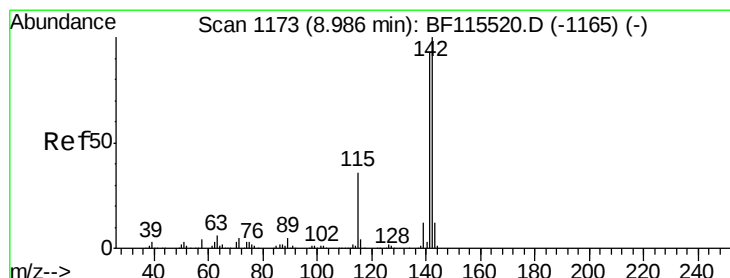
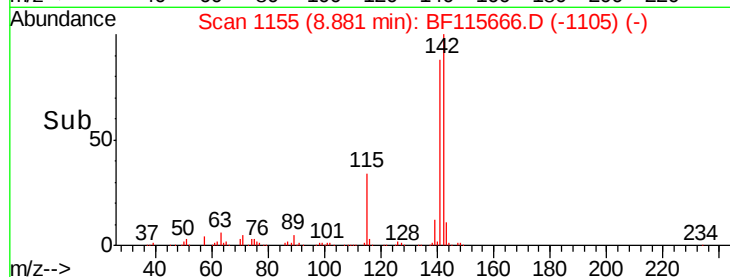
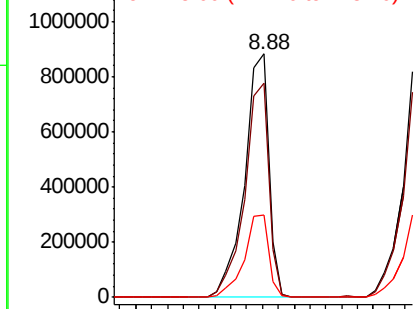
#37
2-Methylnaphthalene
Concen: 42.862 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.0	108.0
115	34.0	29.9	44.9

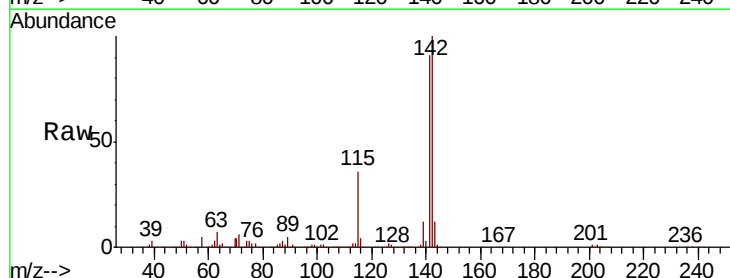


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

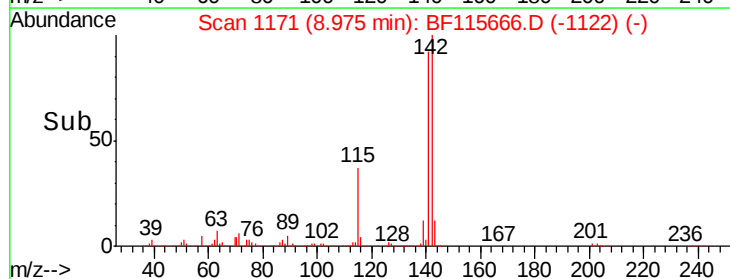
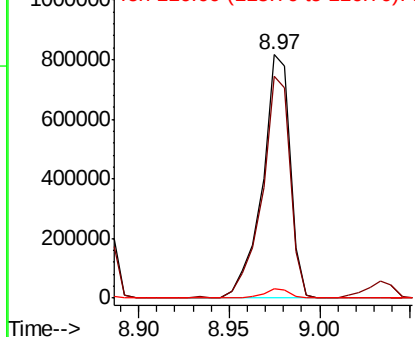


#38
1-Methylnaphthalene
Concen: 42.092 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	75.3	112.9
116	4.0	3.3	4.9



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

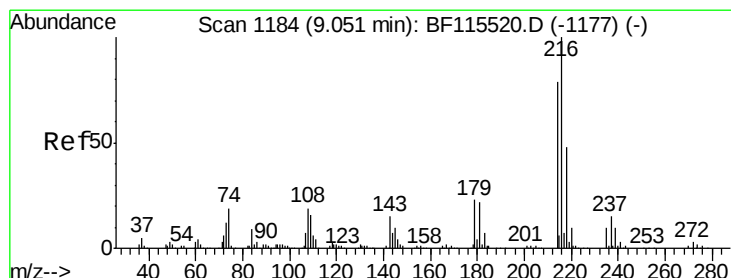
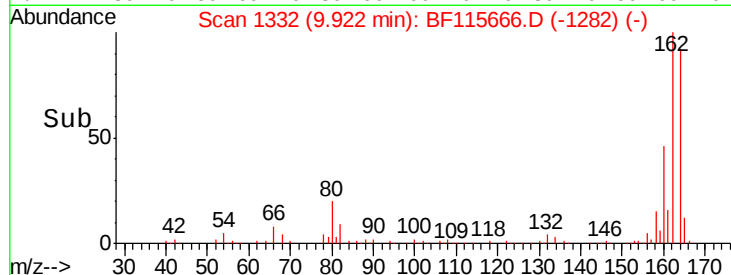
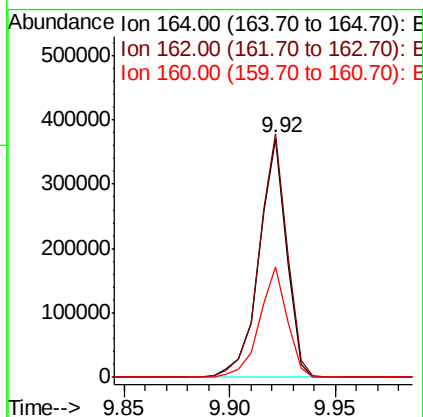
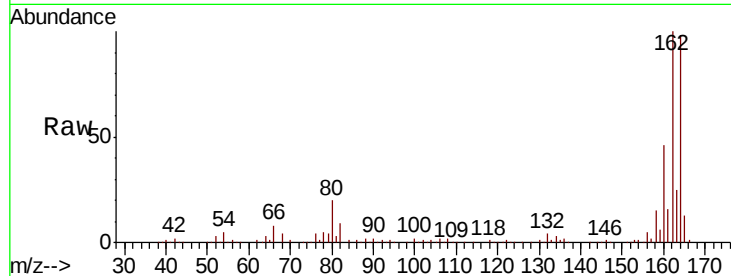




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

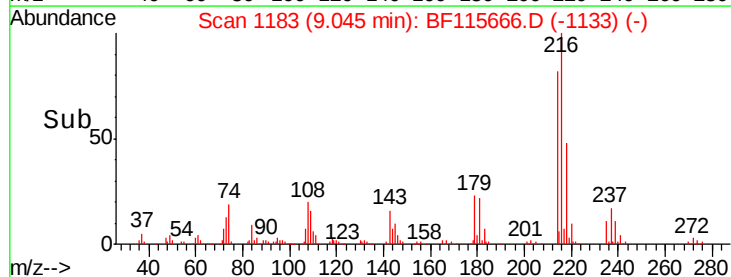
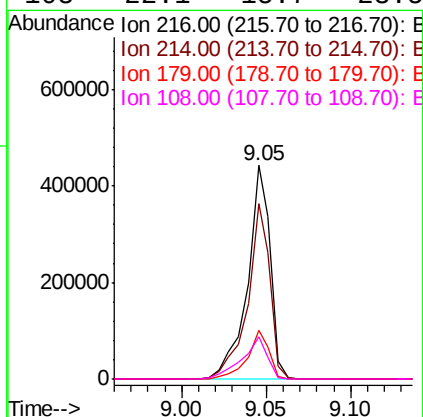
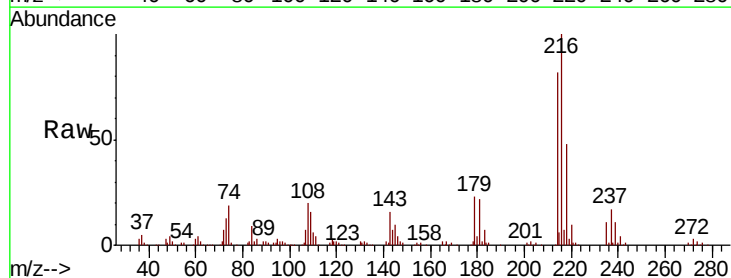
Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 336292
Ion Ratio Lower Upper
164 100
162 102.0 82.9 124.3
160 46.4 36.8 55.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.224 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Tgt Ion:216 Resp: 417477
Ion Ratio Lower Upper
216 100
214 79.9 65.1 97.7
179 21.6 18.3 27.5
108 22.1 15.7 23.5





#41

Hexachlorocyclopentadiene

Concen: 83.968 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

Instrument :

BNA_F

ClientSampleId :

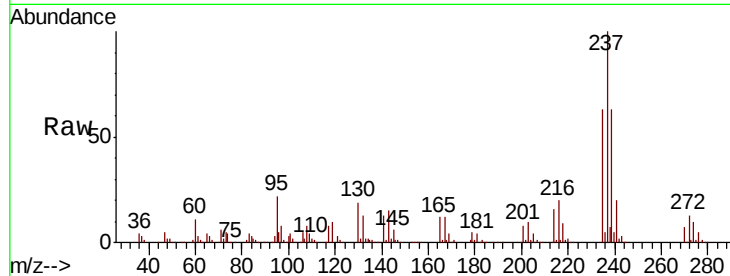
Tot Ion:237 Resp: 485066

Ion Ratio Lower Upper

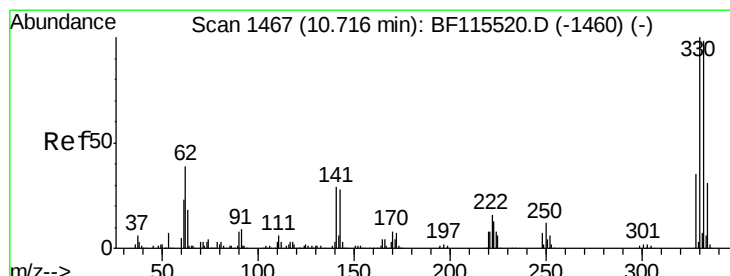
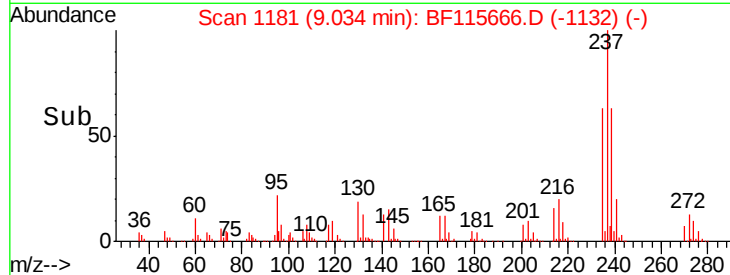
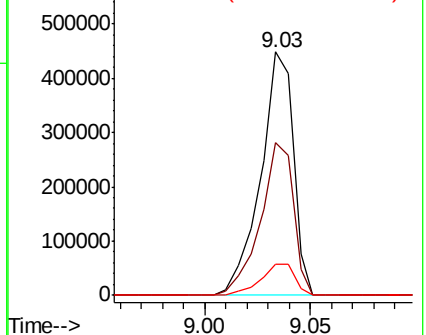
237 100

235 62.9 43.6 83.6

272 12.9 0.0 33.9



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: 79.370 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

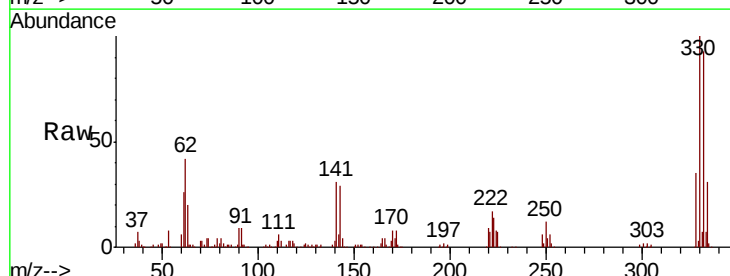
Tgt Ion:330 Resp: 311555

Ion Ratio Lower Upper

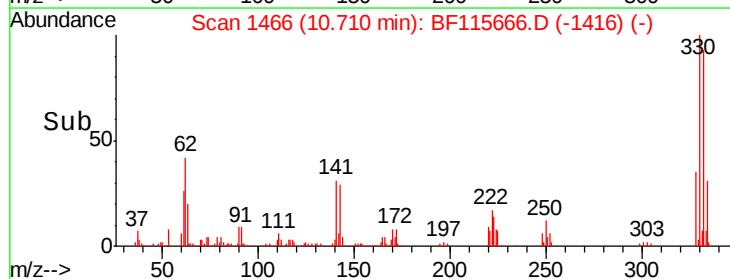
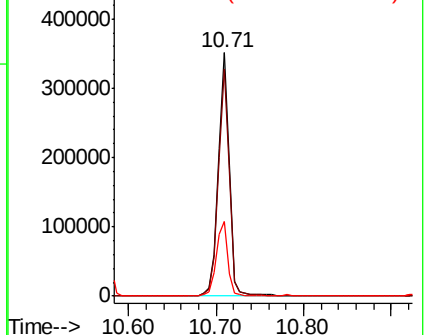
330 100

332 94.1 77.4 116.2

141 32.2 22.4 33.6



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

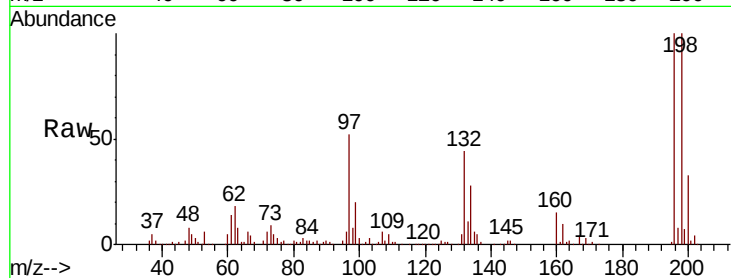




#43
 2,4,6-Trichlorophenol
 Concen: 39.542 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115666.D
 Acq: 19 Jul 2019 9:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.6	80.6	121.0
200	33.2	25.8	38.6

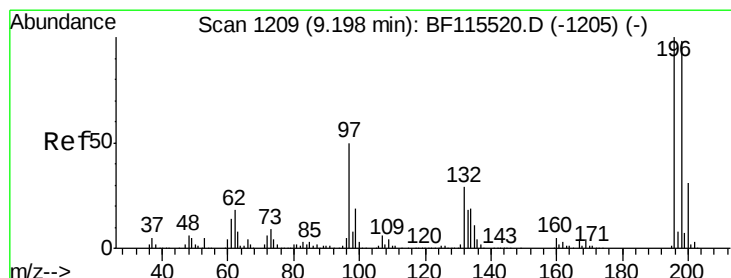
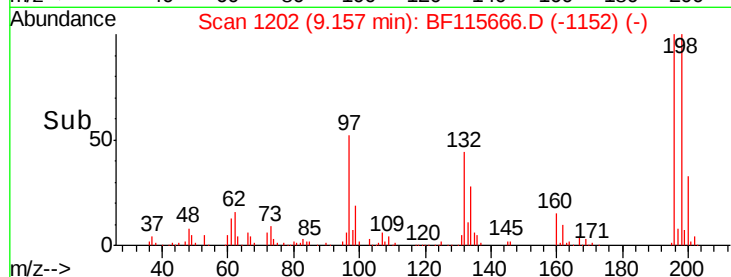
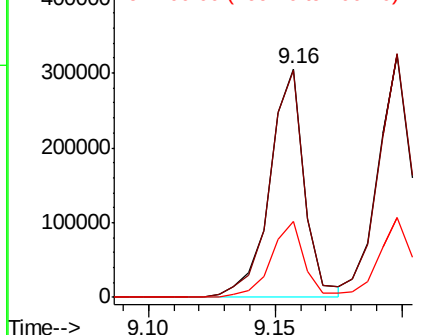


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.416 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF115666.D
 Acq: 19 Jul 2019 9:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.4	79.6	119.4
97	48.3	37.8	56.6
132	28.8	22.8	34.2

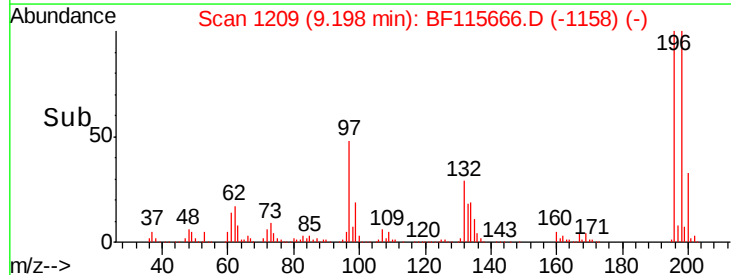
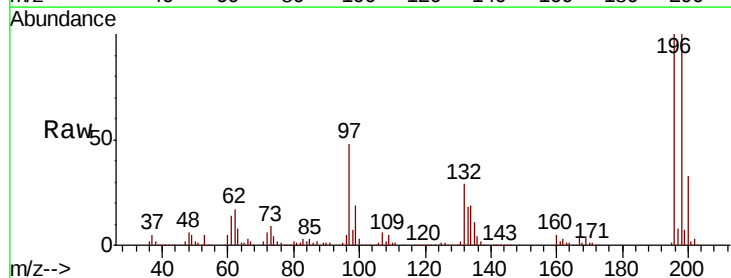
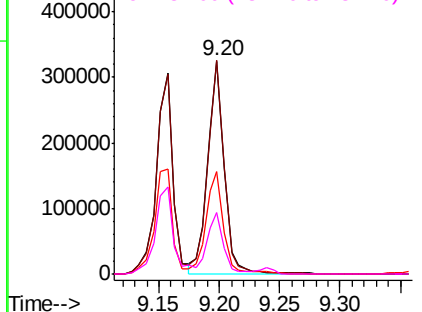
Abundance

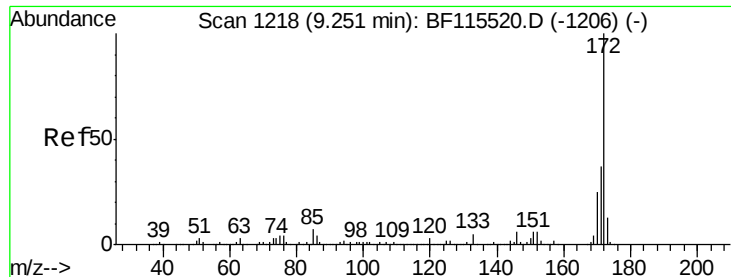
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

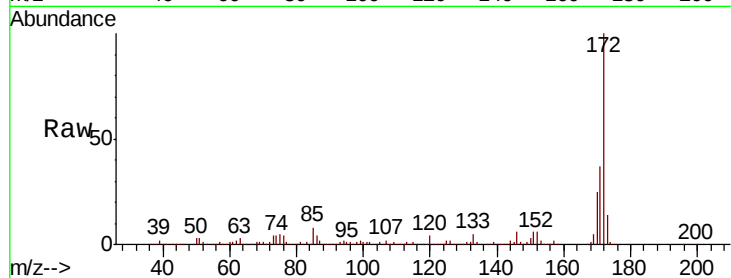




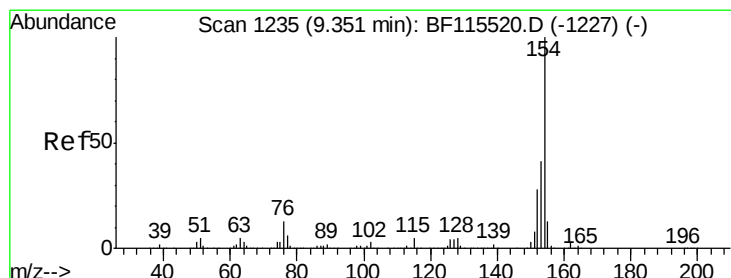
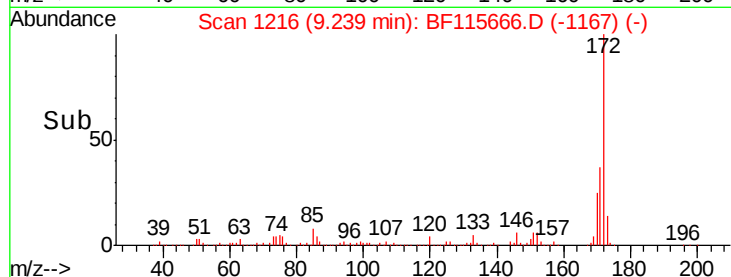
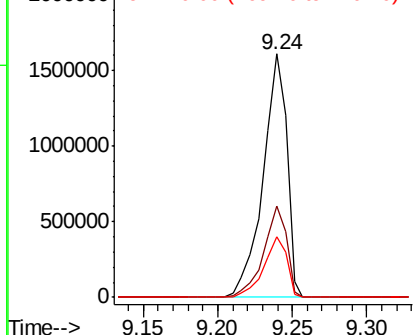
#45
2-Fluorobiphenyl
Concen: 91.547 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1758947
Ion Ratio Lower Upper
172 100
171 37.3 30.6 46.0
170 24.8 20.5 30.7

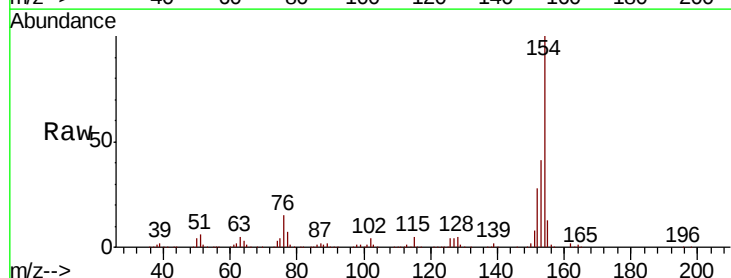


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

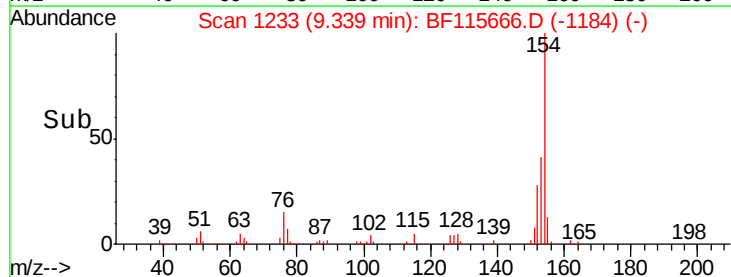
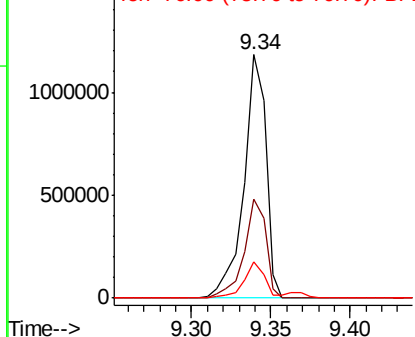


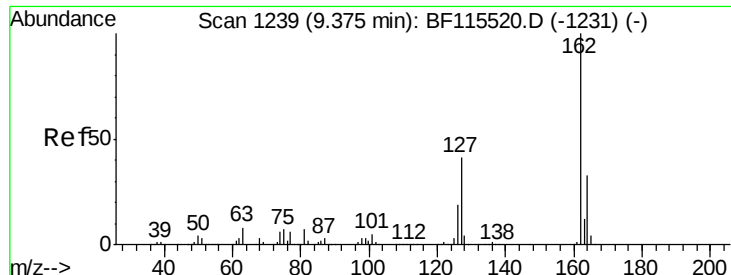
#46
1,1'-Biphenyl
Concen: 43.075 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Tgt Ion:154 Resp: 1132477
Ion Ratio Lower Upper
154 100
153 40.8 22.6 62.6
76 14.6 0.0 33.4



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

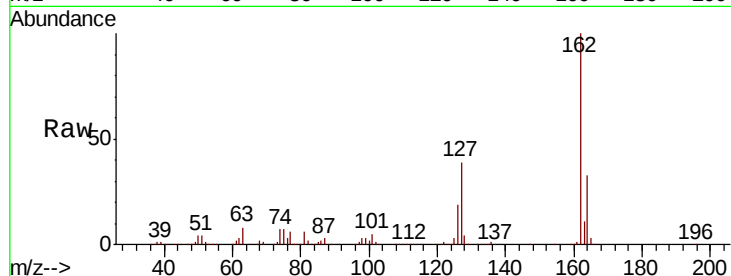




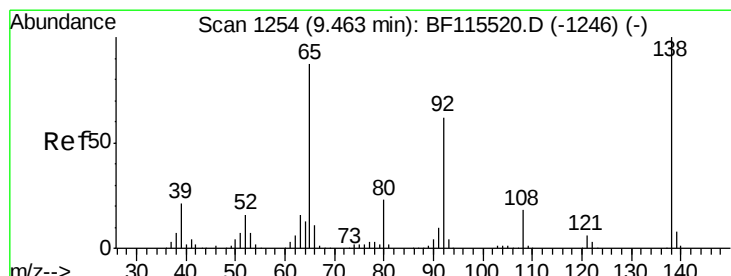
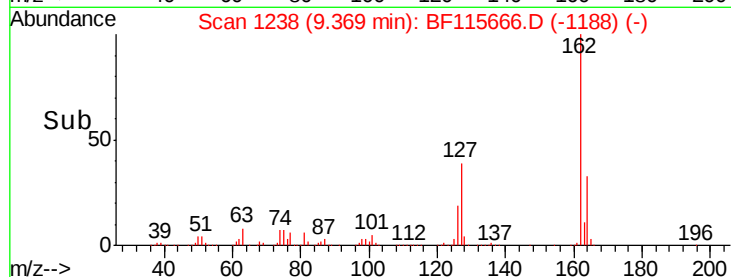
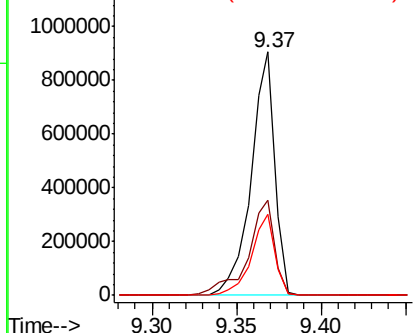
#47
2-Chloronaphthalene
Concen: 40.615 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 889114
Ion Ratio Lower Upper
162 100
127 39.2 34.1 51.1
164 33.3 27.4 41.2

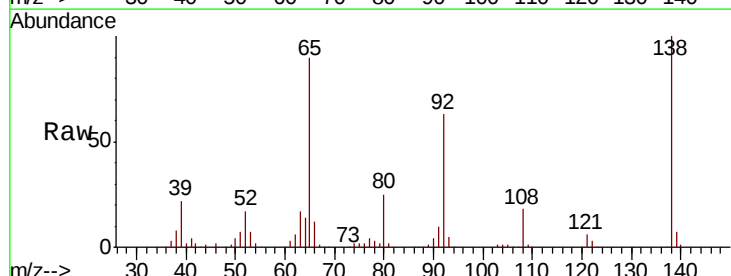


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

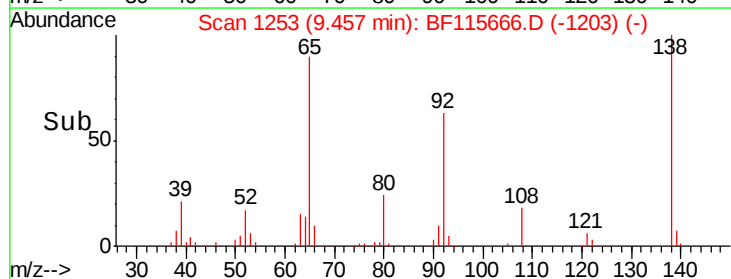
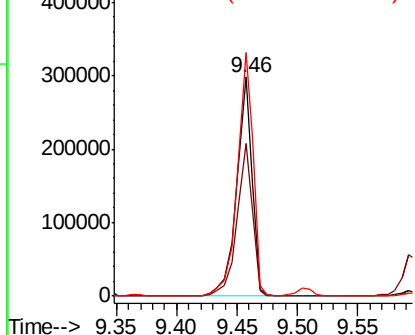


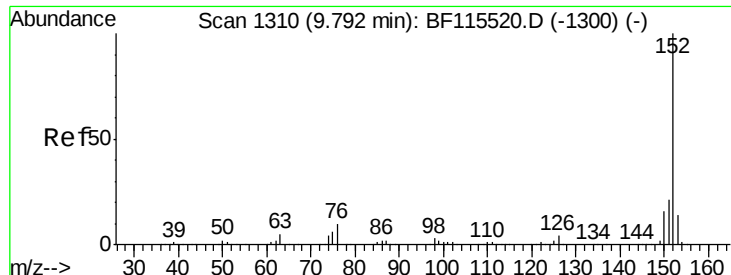
#48
2-Nitroaniline
Concen: 39.458 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Tgt Ion: 65 Resp: 267353
Ion Ratio Lower Upper
65 100
92 69.7 57.8 86.6
138 111.1 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.675 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

Instrument :

BNA_F

ClientSampleId :

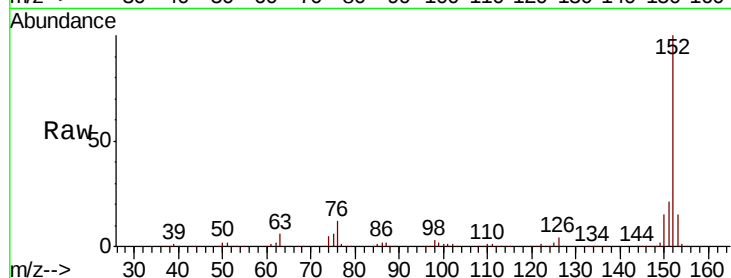
Tot Ion:152 Resp: 1351818

Ion Ratio Lower Upper

152 100

151 21.2 17.7 26.5

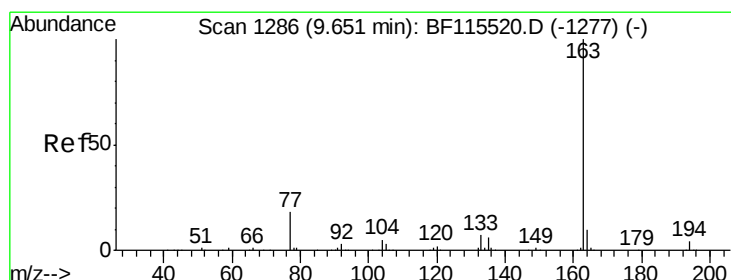
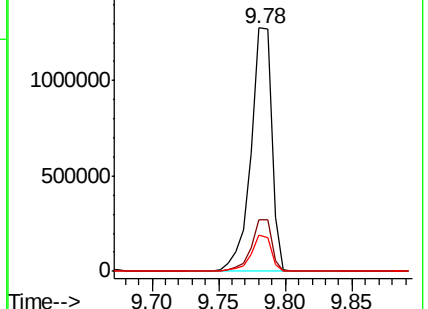
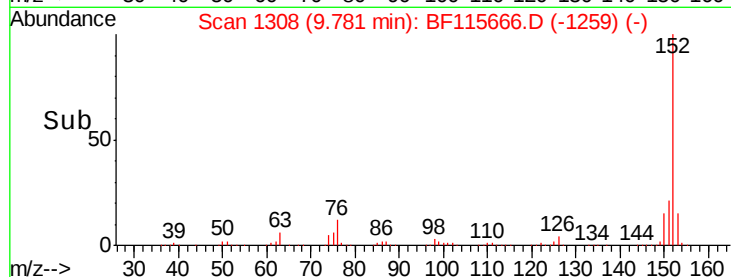
153 14.6 12.0 18.0



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: 40.141 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

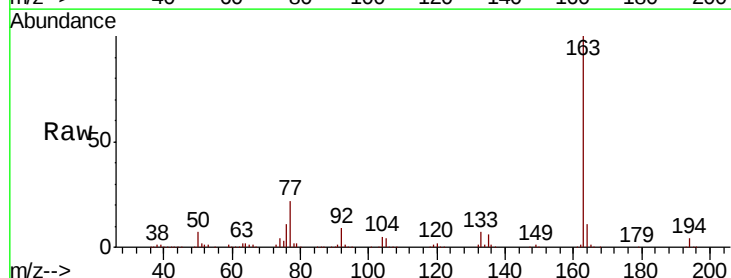
Tgt Ion:163 Resp: 1015628

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

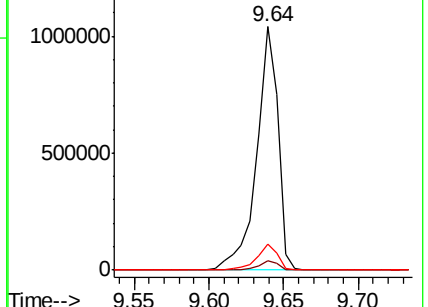
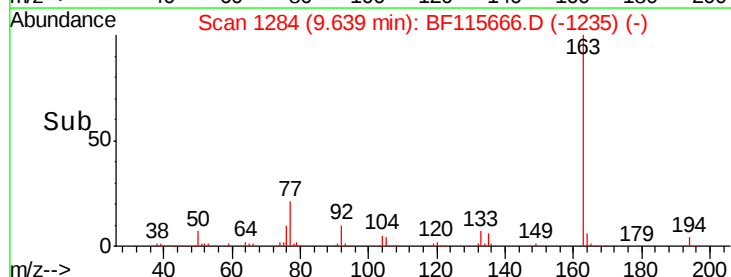
164 10.6 8.7 13.1

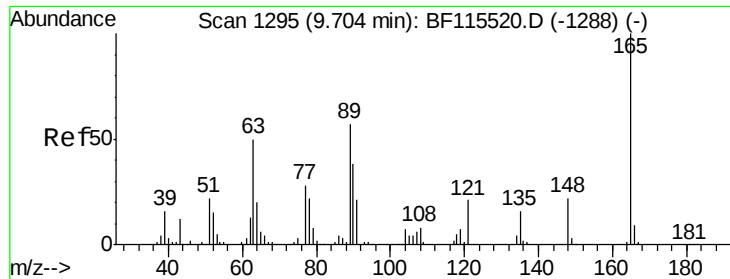


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.047 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

Instrument :

BNA_F

ClientSampleId :

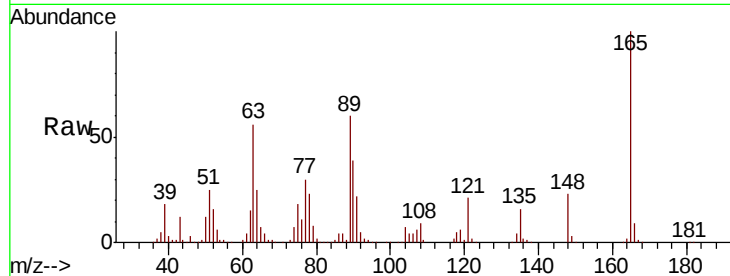
Tot Ion:165 Resp: 230271

Ion Ratio Lower Upper

165 100

63 55.7 40.6 61.0

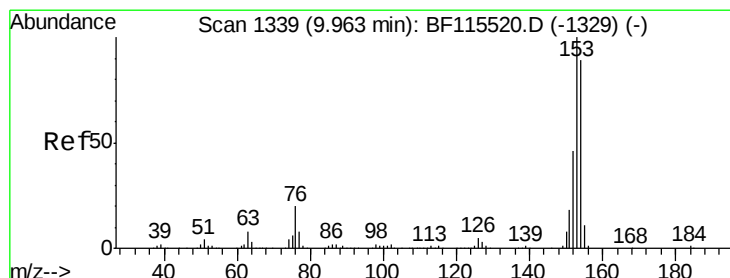
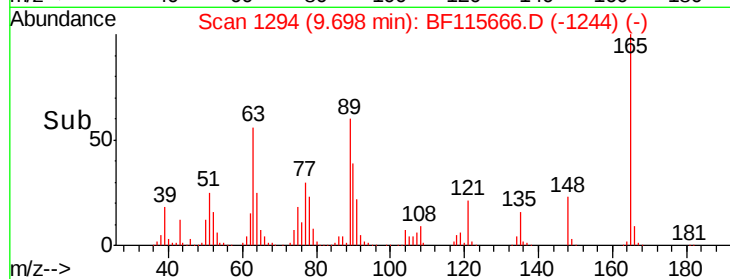
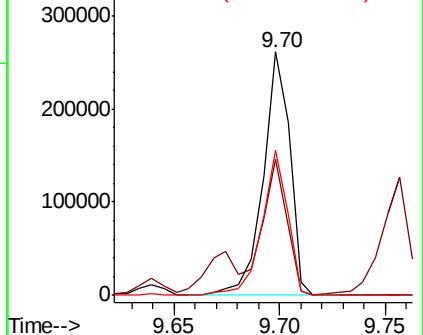
89 59.8 43.9 65.9



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



#52

Acenaphthene

Concen: 44.854 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

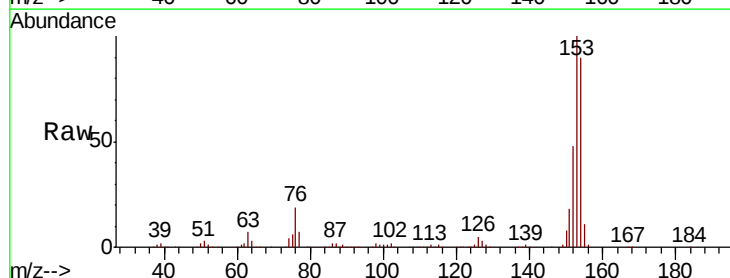
Tgt Ion:154 Resp: 939349

Ion Ratio Lower Upper

154 100

153 111.6 88.6 133.0

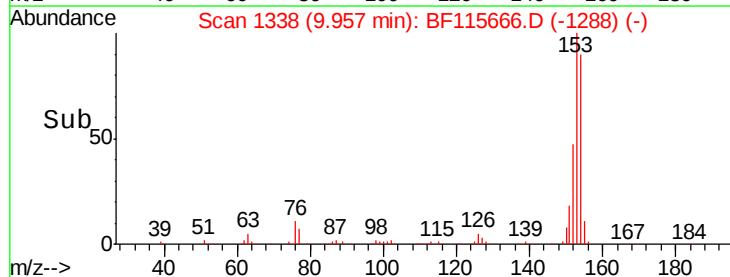
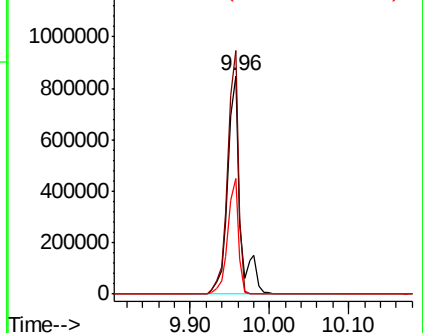
152 53.3 42.3 63.5

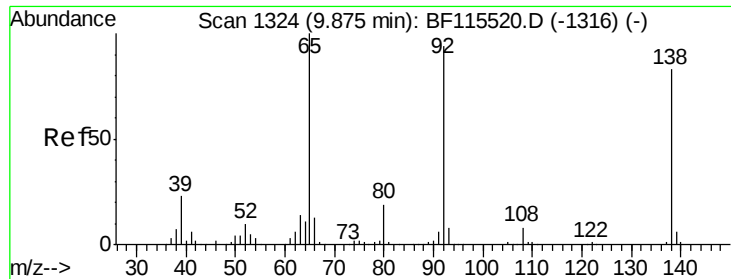


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

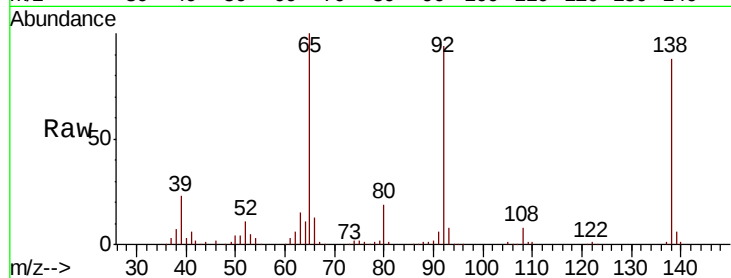




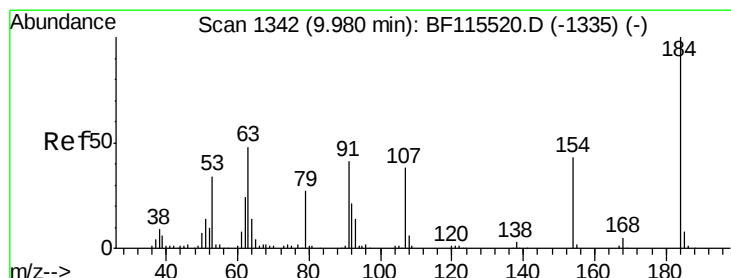
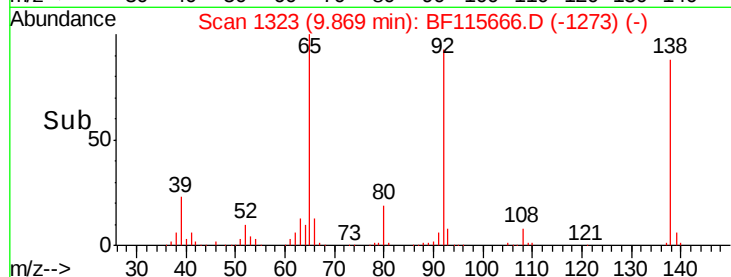
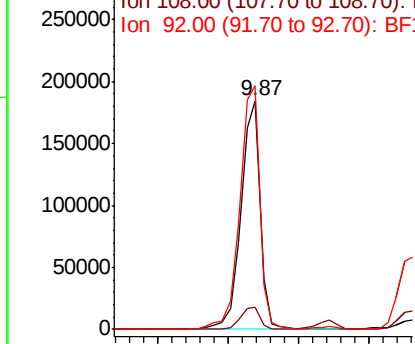
#53
 3-Nitroaniline
 Concen: 26.496 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF115666.D
 Acq: 19 Jul 2019 9:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 174103
 Ion Ratio Lower Upper
 138 100
 108 9.6 8.4 12.6
 92 106.7 88.0 132.0

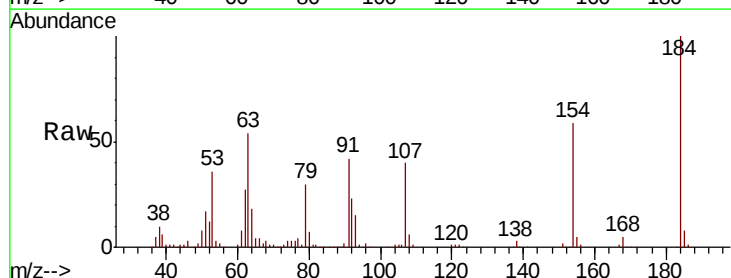


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

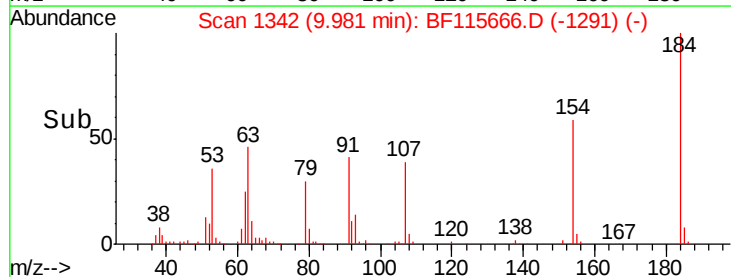
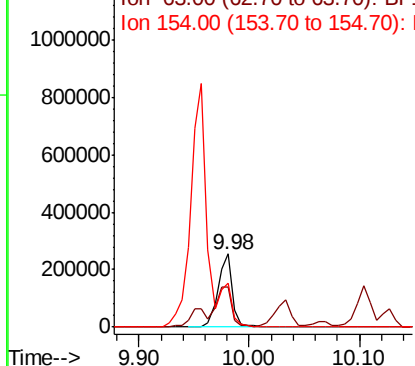


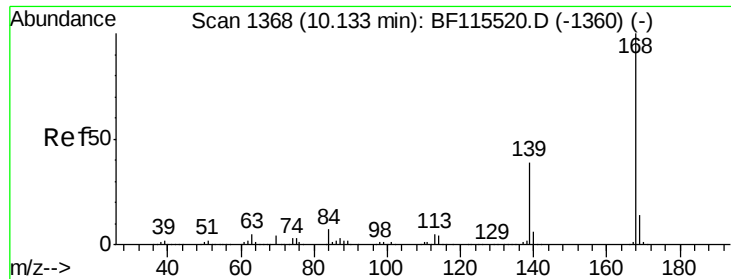
#54
 2,4-Dinitrophenol
 Concen: 79.197 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF115666.D
 Acq: 19 Jul 2019 9:43

Tgt Ion:184 Resp: 233799
 Ion Ratio Lower Upper
 184 100
 63 54.3 48.7 73.1
 154 59.4 48.6 73.0



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

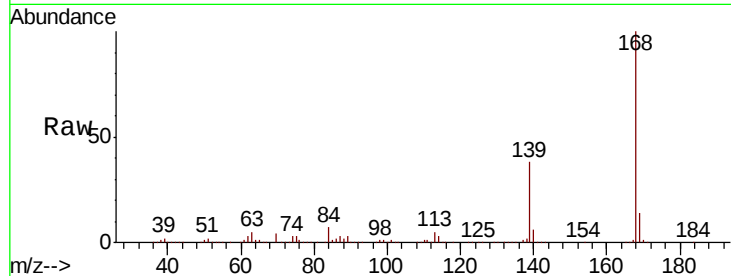




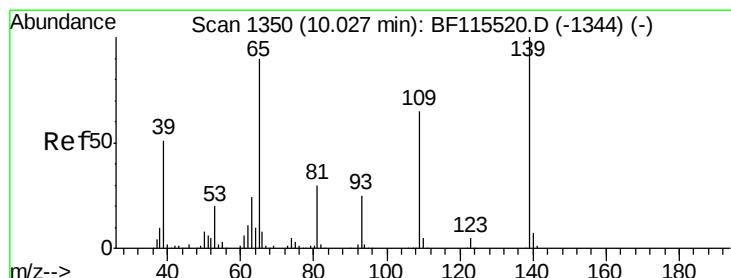
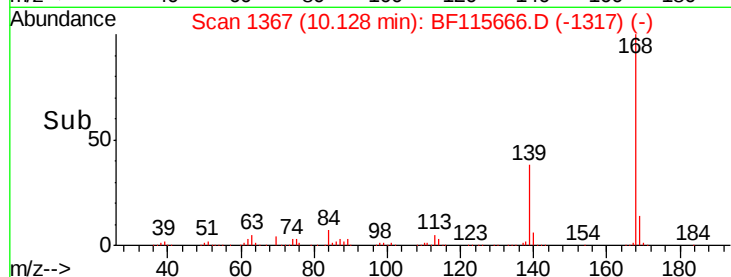
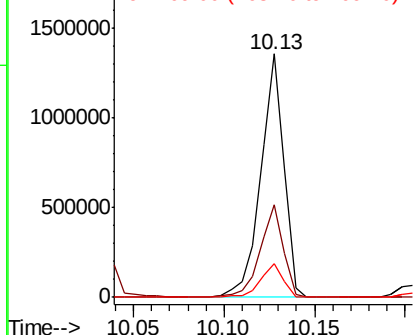
#55
Dibenzofuran
Concen: 40.550 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1205958
Ion Ratio Lower Upper
168 100
139 38.2 31.1 46.7
169 14.0 11.1 16.7

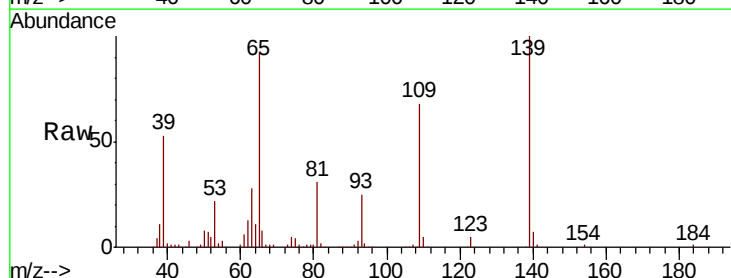


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

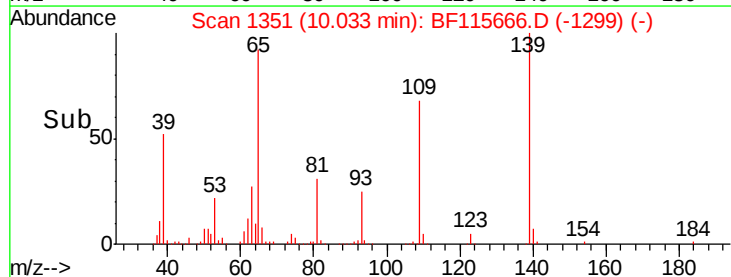
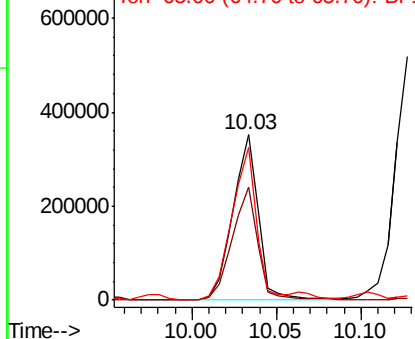


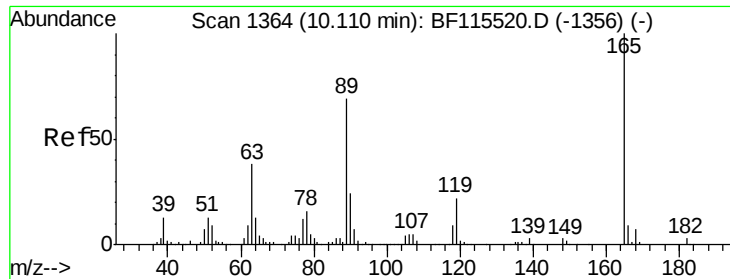
#56
4-Nitrophenol
Concen: 73.412 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Tgt Ion:139 Resp: 367838
Ion Ratio Lower Upper
139 100
109 68.3 46.4 86.4
65 92.1 68.9 108.9



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

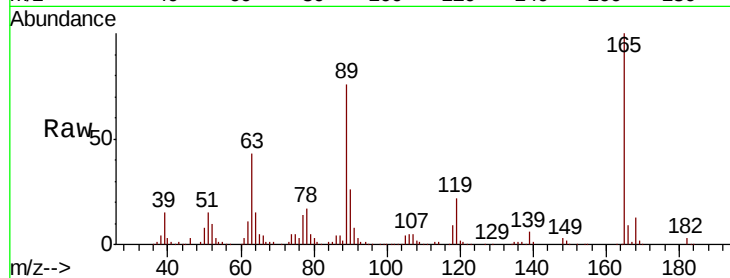




#57
2,4-Dinitrotoluene
Concen: 41.019 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.7	34.9	52.3
89	76.2	57.5	86.3
182	2.6	2.2	3.4



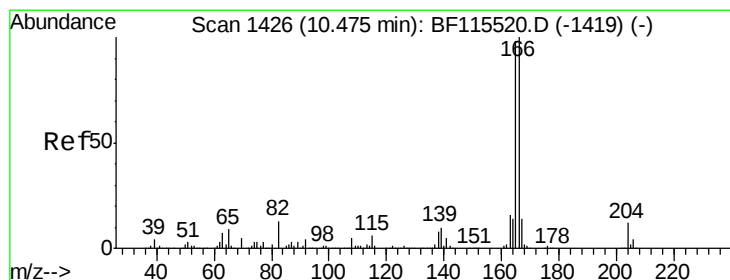
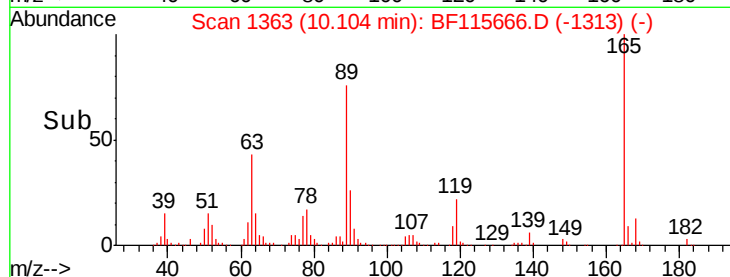
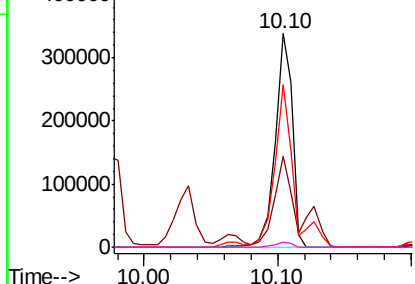
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

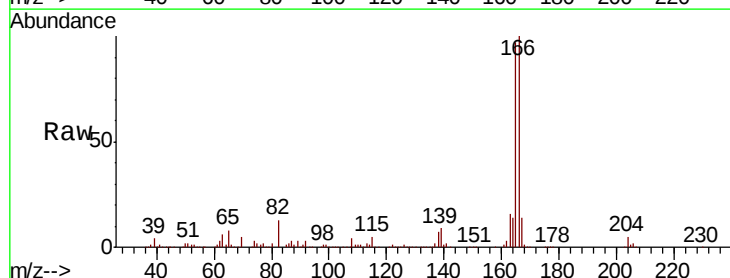
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.786 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.8	119.6
167	13.8	11.2	16.8

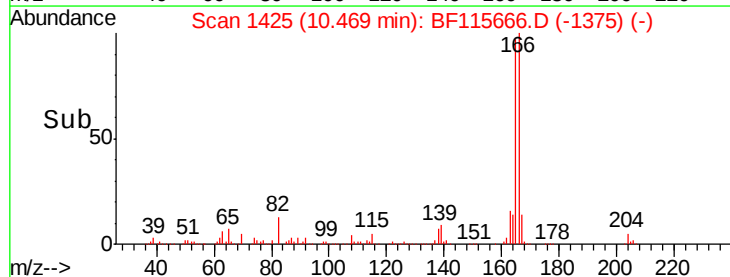
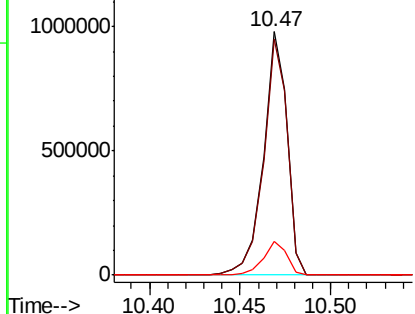


Abundance

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

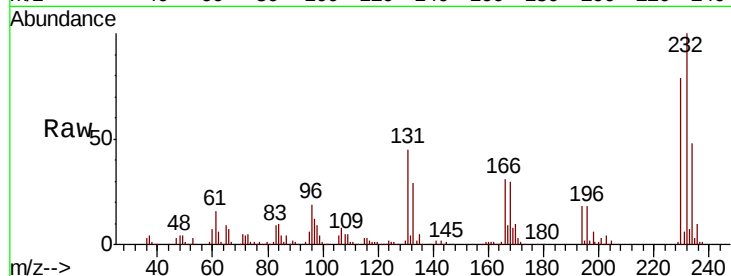




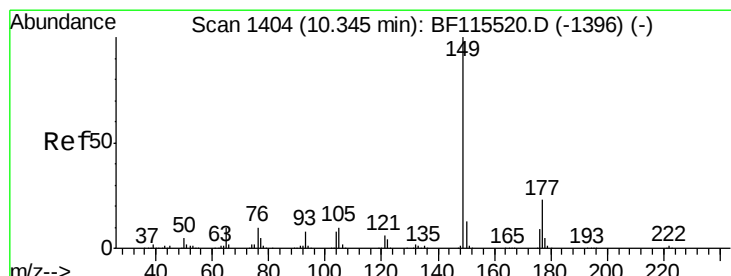
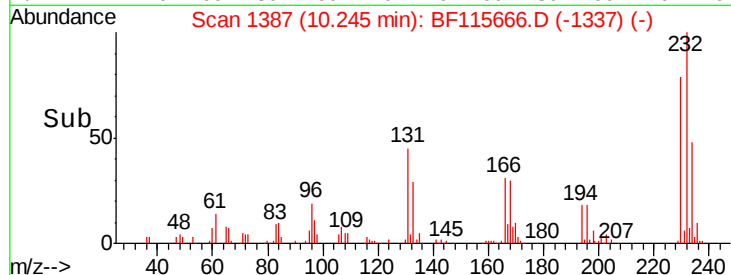
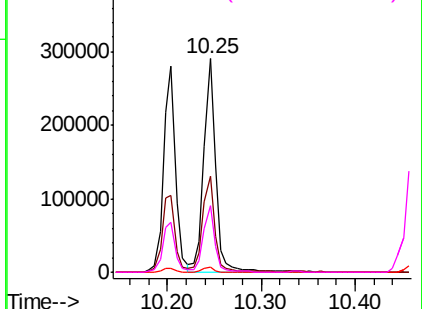
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.816 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.1	35.9	53.9
130	2.2	1.8	2.6
166	30.0	24.8	37.2

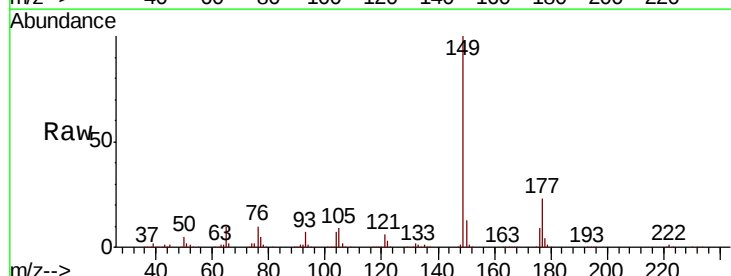


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

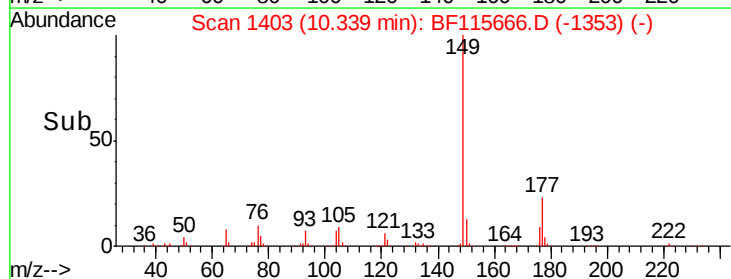
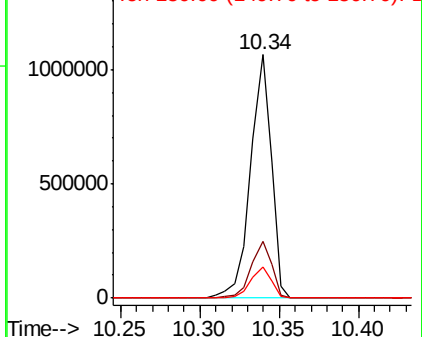


#60
Diethylphthalate
Concen: 40.982 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	19.5	29.3
150	12.9	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

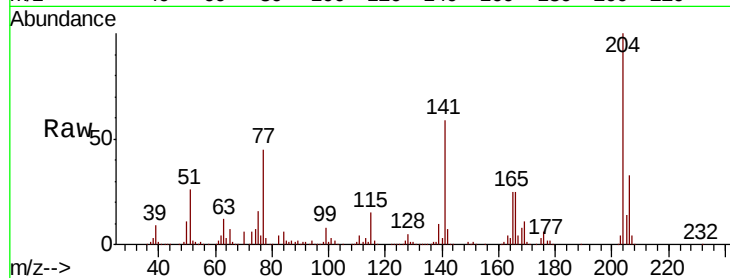




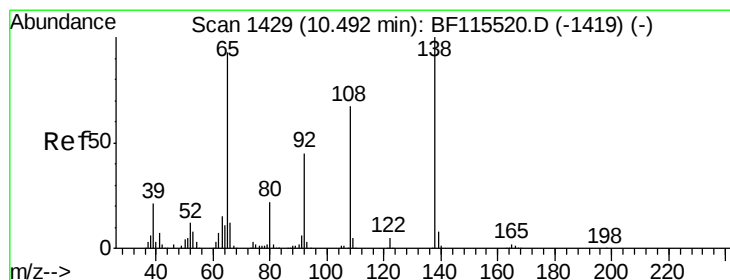
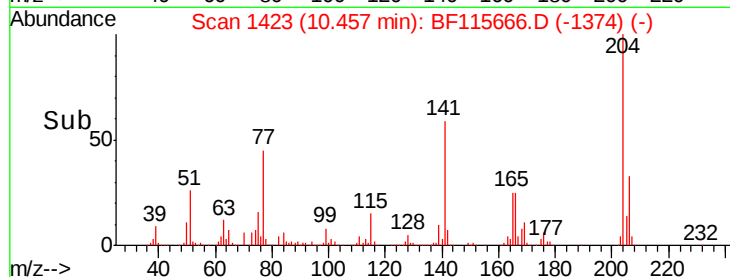
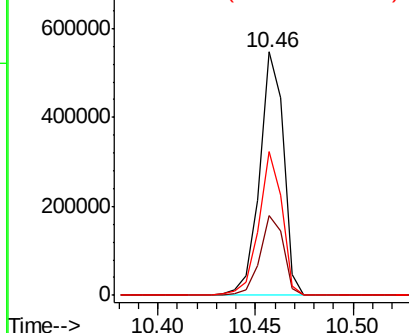
#61
 4-Chlorophenyl-phenylether
 Concen: 39.434 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115666.D
 Acq: 19 Jul 2019 9:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 464942
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.7 40.1
 141 58.8 44.2 66.2

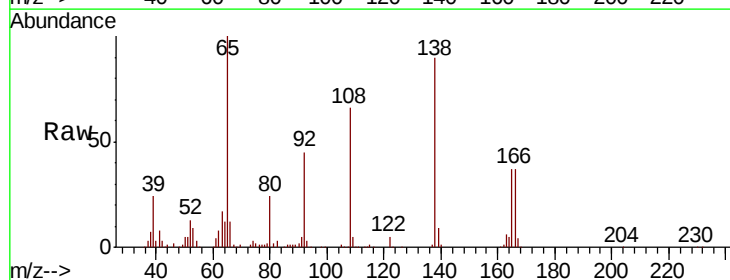


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

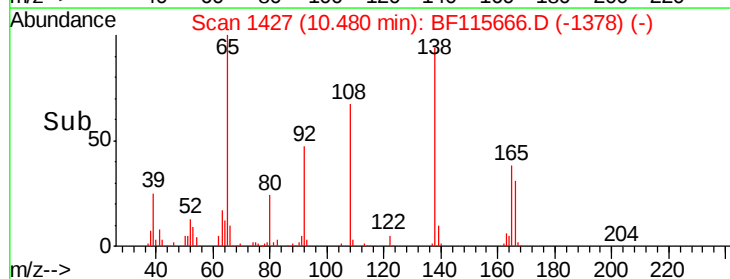
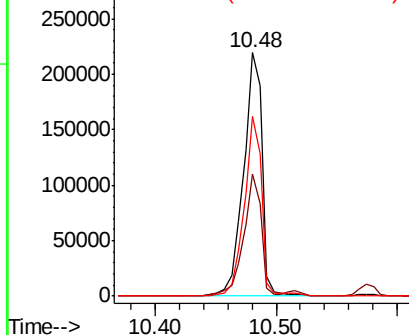


#62
 4-Nitroaniline
 Concen: 37.497 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF115666.D
 Acq: 19 Jul 2019 9:43

Tgt Ion:138 Resp: 236335
 Ion Ratio Lower Upper
 138 100
 92 50.0 27.1 67.1
 108 73.7 48.0 88.0



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

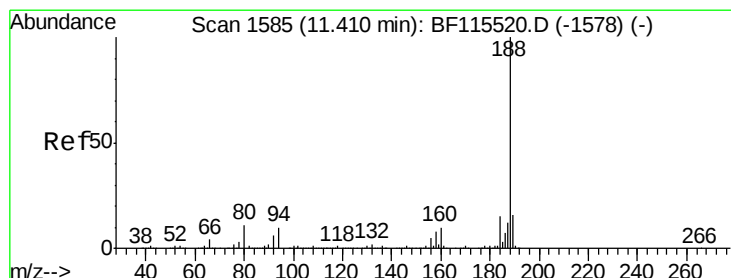
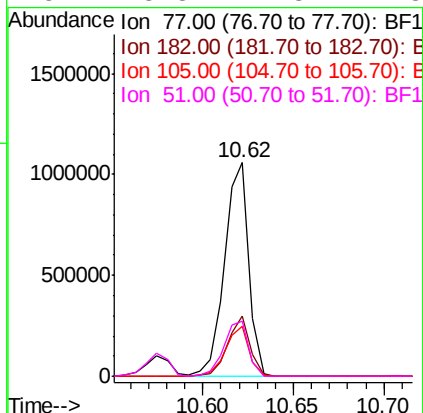
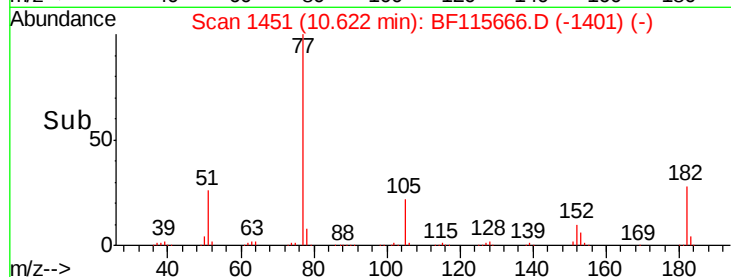
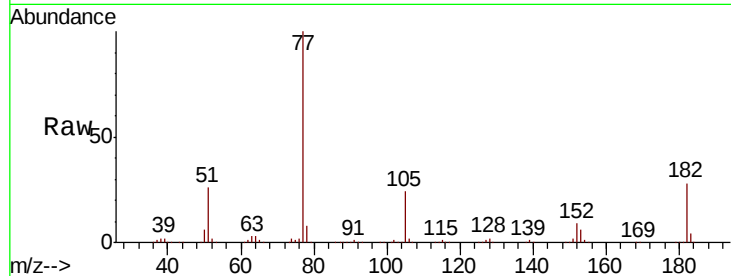




#63
Azobenzene
Concen: 42.605 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

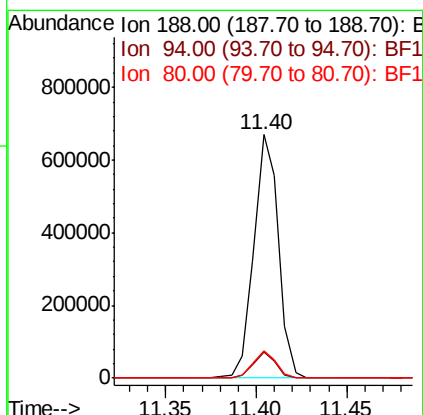
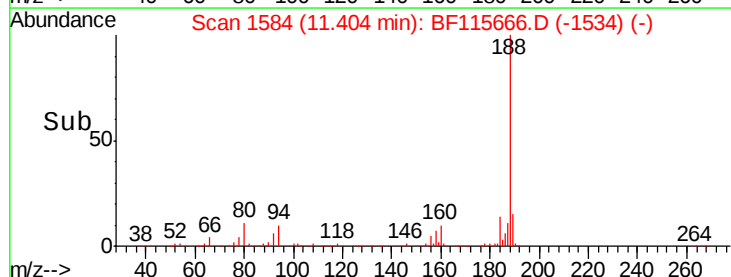
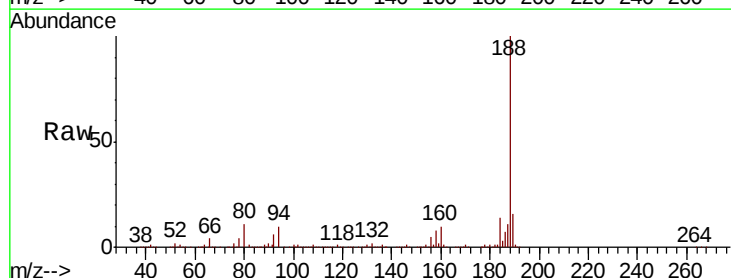
Instrument :
BNA_F
ClientSampleId :

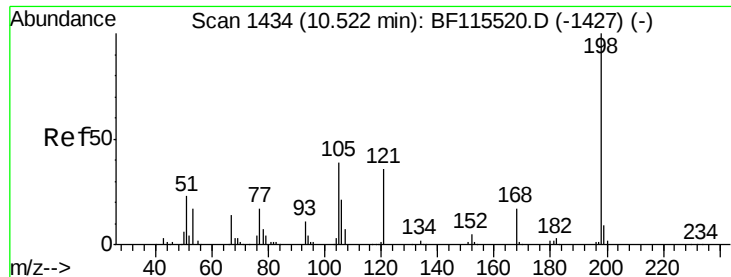
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.0	6.9	46.9	
105	23.5	3.9	43.9	
51	25.8	7.3	47.3	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.4	7.8	11.6	
80	11.2	8.6	13.0	





#65

4,6-Dinitro-2-methylphenol

Concen: 40.641 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

Instrument :

BNA_F

ClientSampleId :

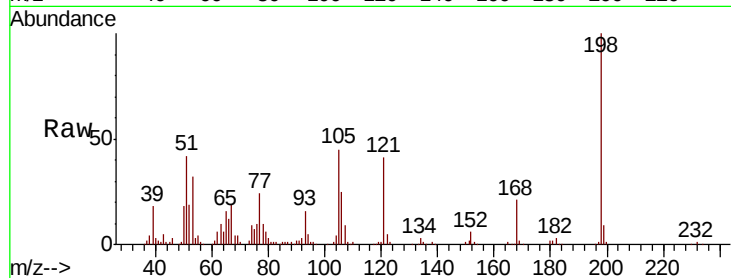
Tot Ion:198 Resp: 156349

Ion Ratio Lower Upper

198 100

51 41.7 19.1 59.1

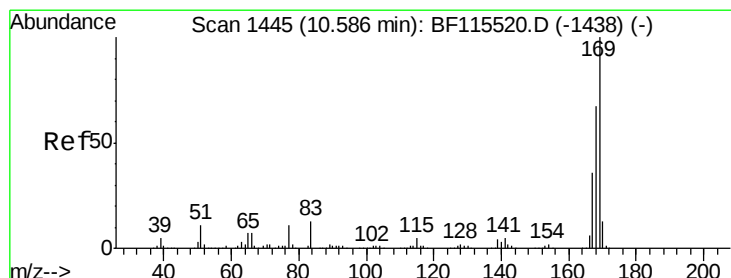
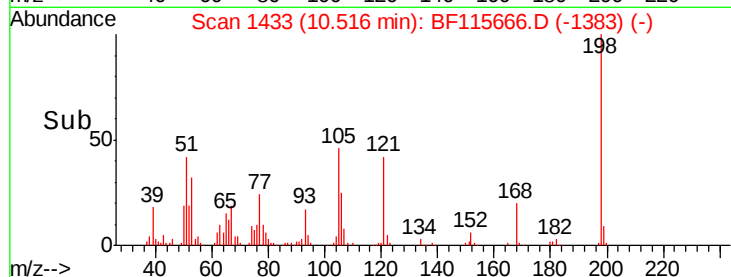
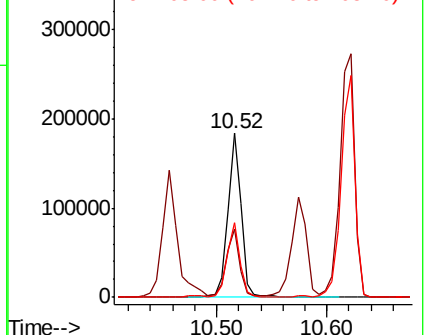
105 45.3 23.6 63.6



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: 41.712 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

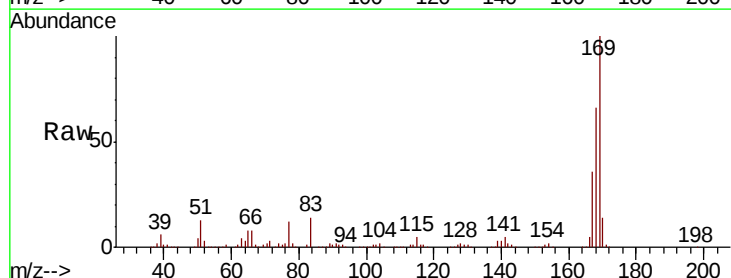
Tgt Ion:169 Resp: 817000

Ion Ratio Lower Upper

169 100

168 65.9 54.3 81.5

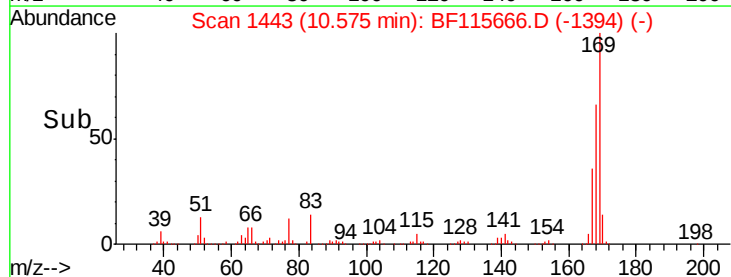
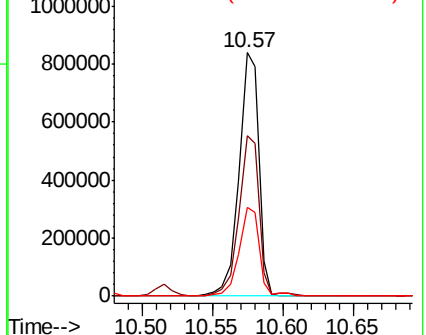
167 36.3 30.2 45.2



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

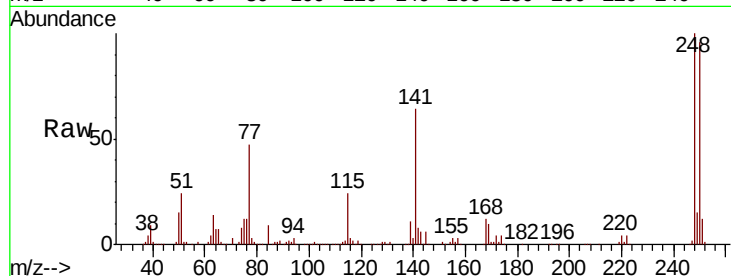




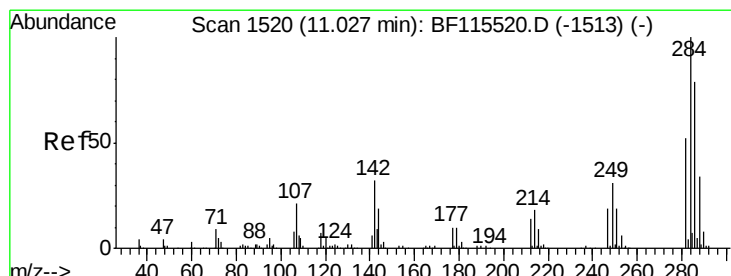
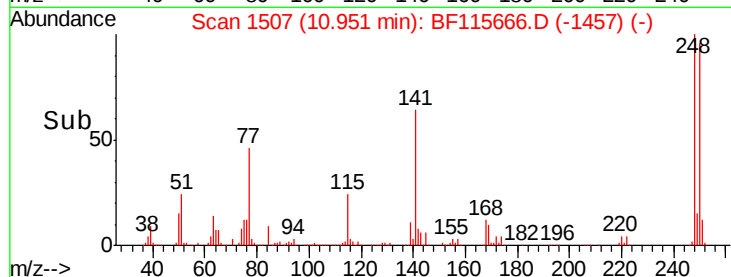
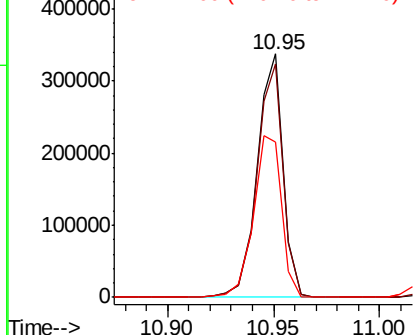
#67
4-Bromophenyl-phenylether
Concen: 40.040 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 288113
Ion Ratio Lower Upper
248 100
250 95.7 78.0 117.0
141 63.7 57.7 86.5

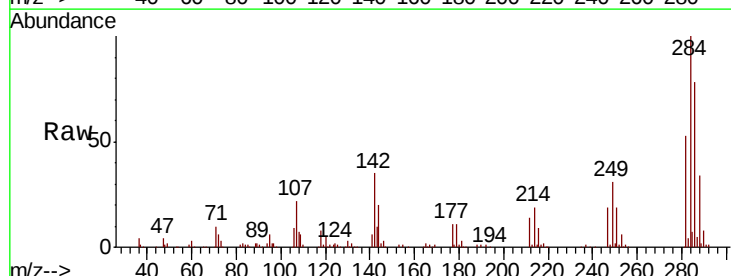


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

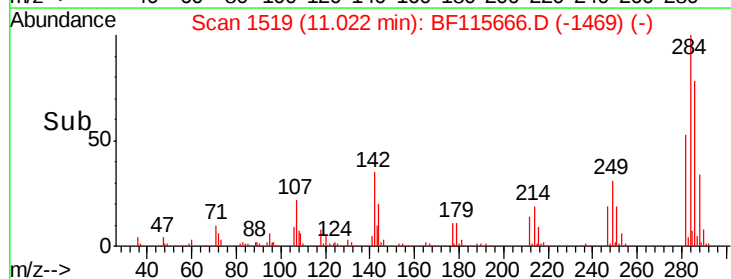
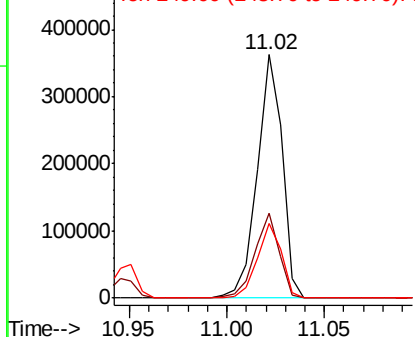


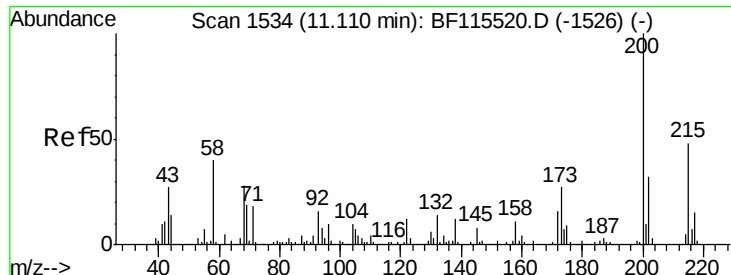
#68
Hexachlorobenzene
Concen: 39.126 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Tgt Ion:284 Resp: 321512
Ion Ratio Lower Upper
284 100
142 34.8 22.2 33.2#
249 30.6 23.4 35.2



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

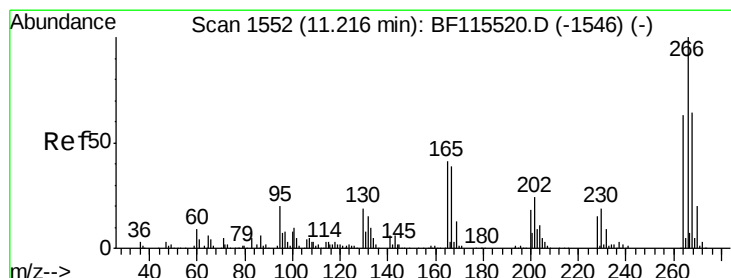
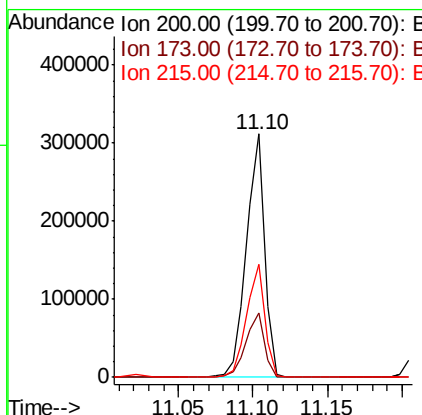
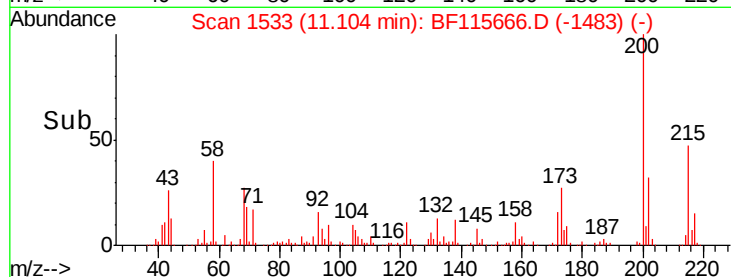
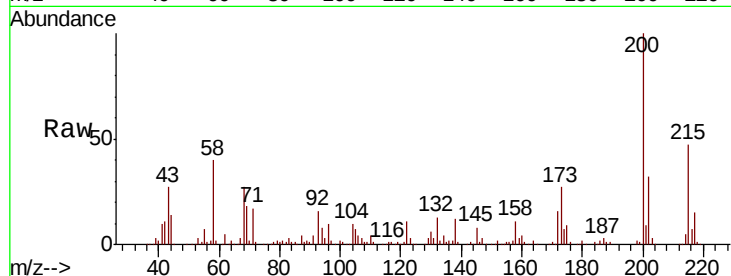




#69
Atrazine
Concen: 41.155 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

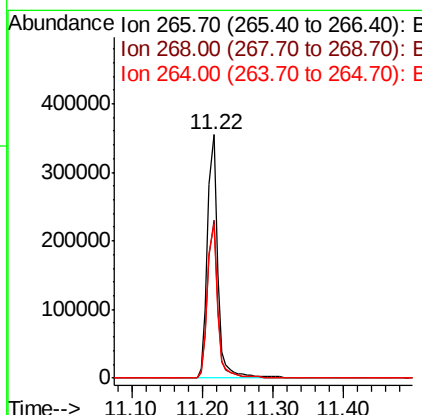
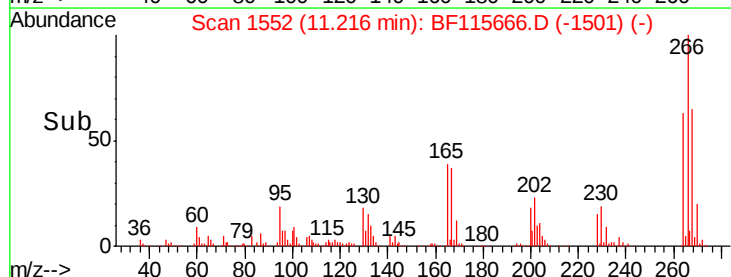
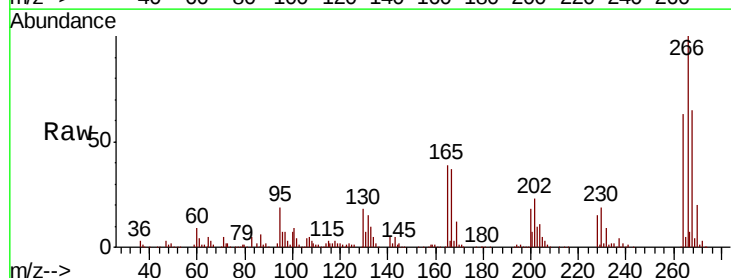
Instrument :
BNA_F
ClientSampleId :

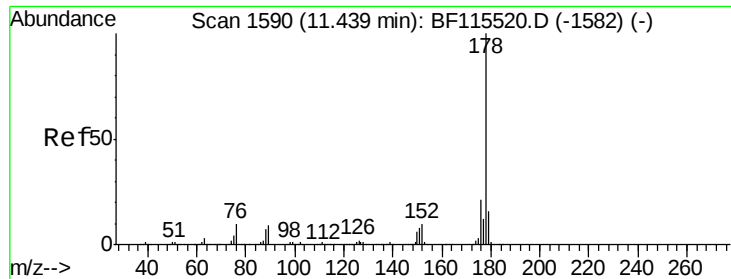
Tot Ion:200 Resp: 264442
Ion Ratio Lower Upper
200 100
173 26.7 6.9 46.9
215 46.7 27.9 67.9



#70
Pentachlorophenol
Concen: 72.408 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Tgt Ion:266 Resp: 363916
Ion Ratio Lower Upper
266 100
268 65.0 51.6 77.4
264 63.0 50.6 76.0

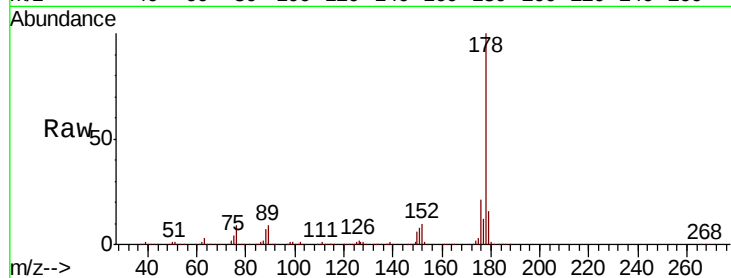




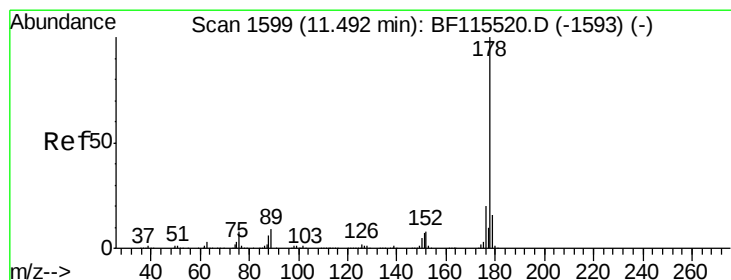
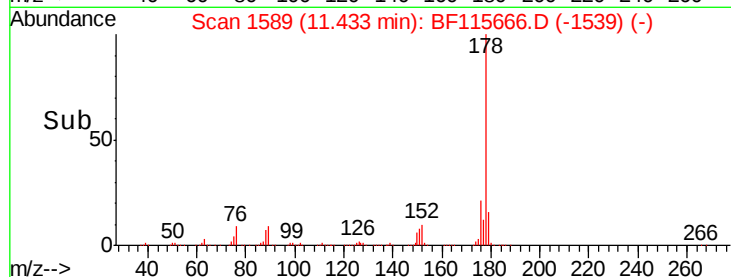
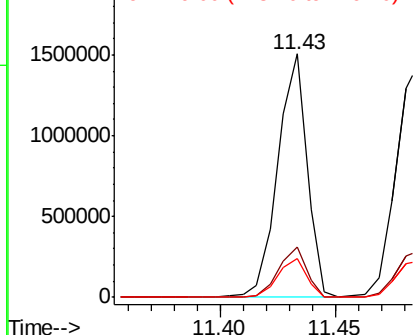
#71
Phenanthrene
Concen: 40.912 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1320478
Ion Ratio Lower Upper
178 100
176 20.5 17.2 25.8
179 15.8 13.5 20.3

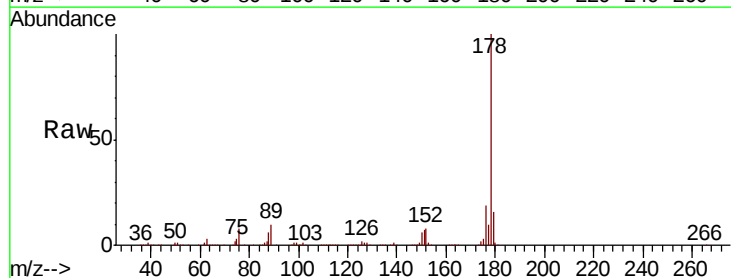


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

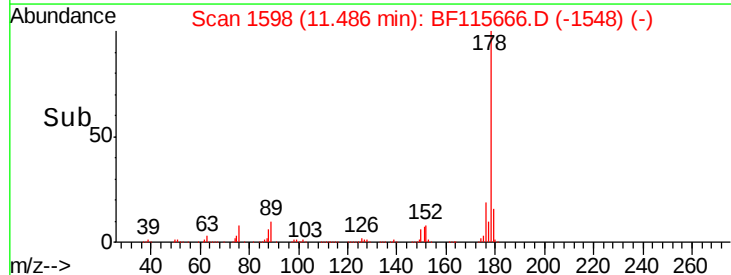
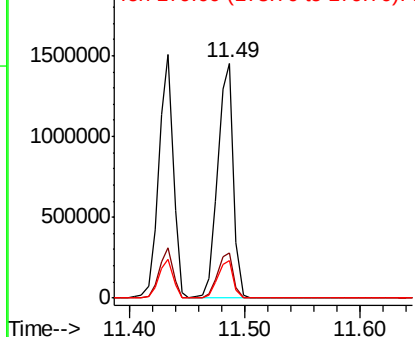


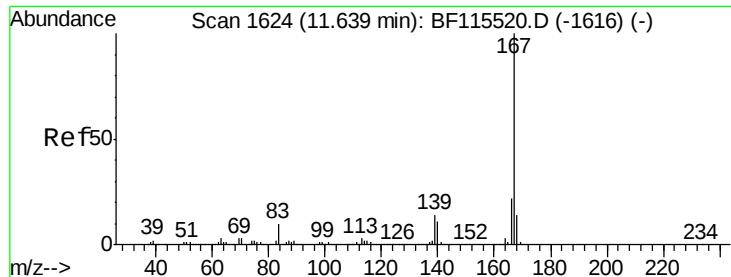
#72
Anthracene
Concen: 40.987 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Tgt Ion:178 Resp: 1367178
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 15.7 12.7 19.1



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

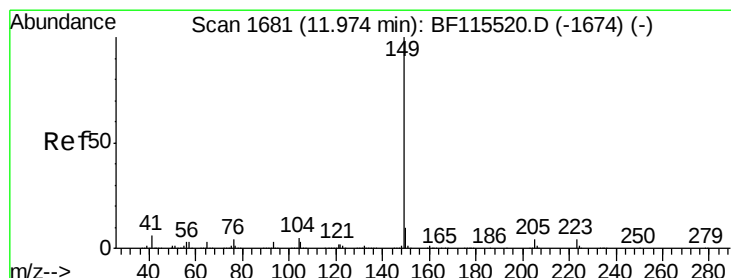
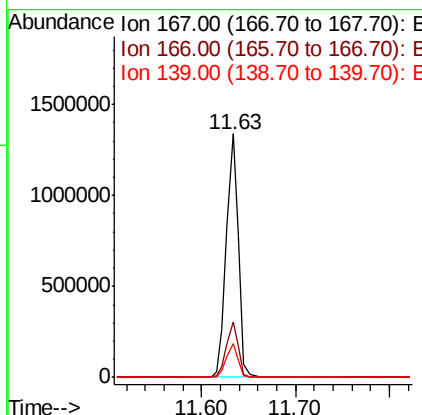
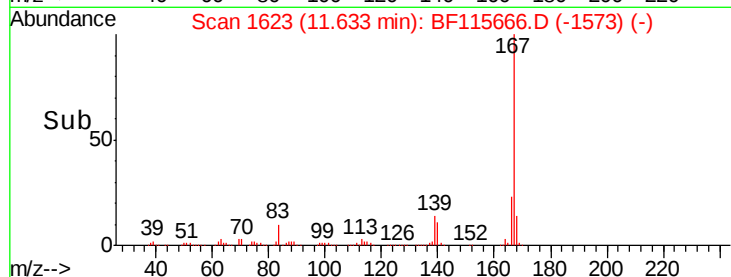
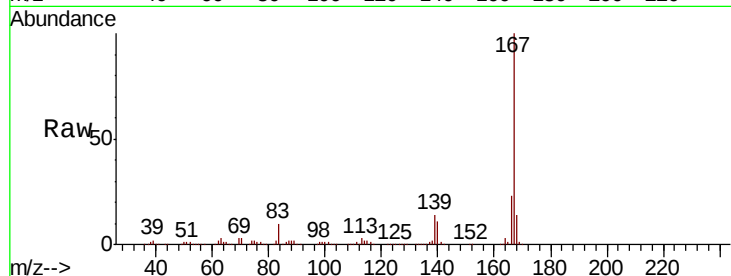




#73
 Carbazole
 Concen: 40.636 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115666.D
 Acq: 19 Jul 2019 9:43

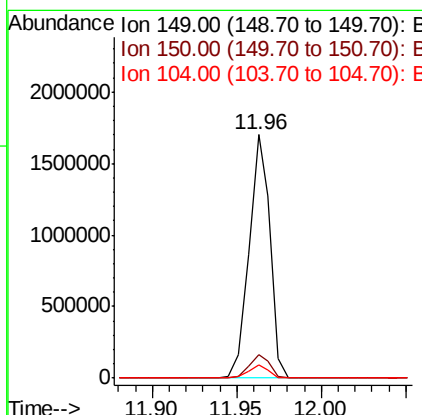
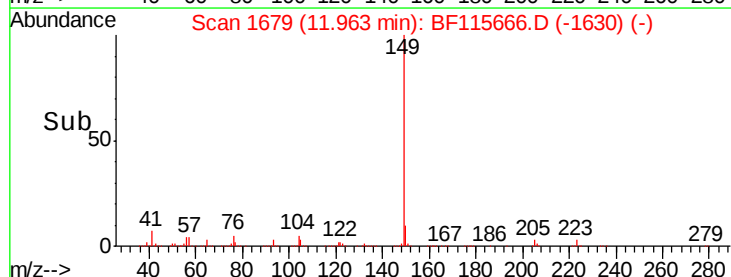
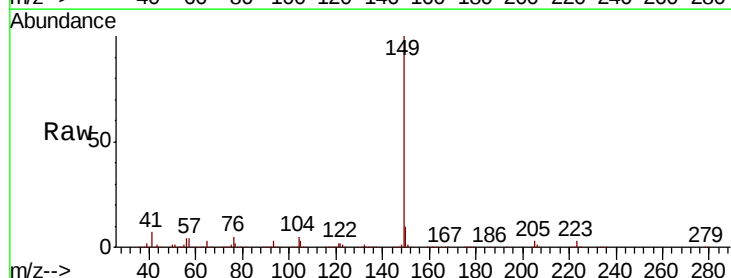
Instrument :
 BNA_F
 ClientSampleId :

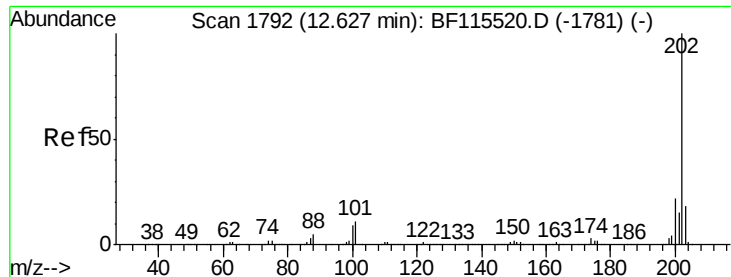
Tot Ion:167 Resp: 1188644
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 13.8 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 40.765 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF115666.D
 Acq: 19 Jul 2019 9:43

Tgt Ion:149 Resp: 1468785
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 5.4 3.8 5.8

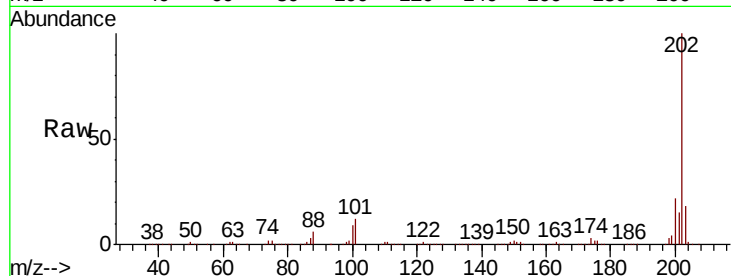




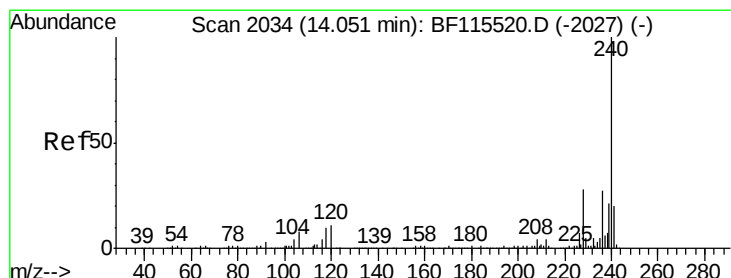
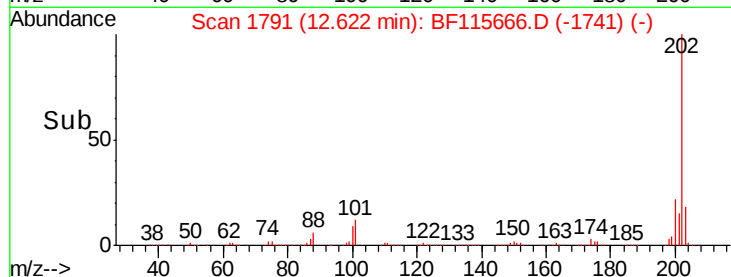
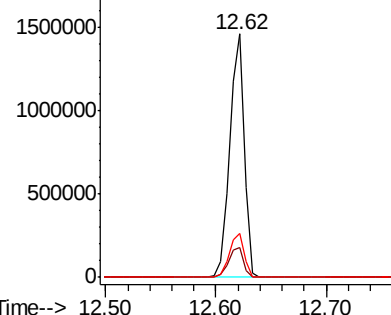
#75
 Fluoranthene
 Concen: 39.675 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BF115666.D
 Acq: 19 Jul 2019 9:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1353190
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 31.4
 203 18.2 0.0 38.1

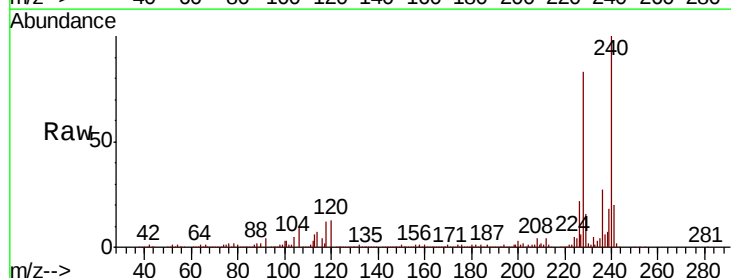


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

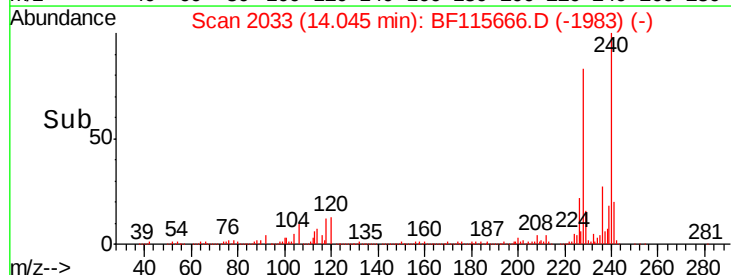
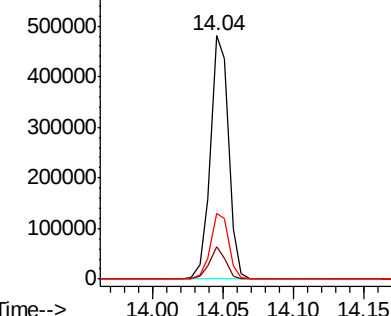


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115666.D
 Acq: 19 Jul 2019 9:43

Tgt Ion:240 Resp: 431445
 Ion Ratio Lower Upper
 240 100
 120 13.3 8.6 13.0#
 236 26.8 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E
 600000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.237 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

Instrument :

BNA_F

ClientSampleId :

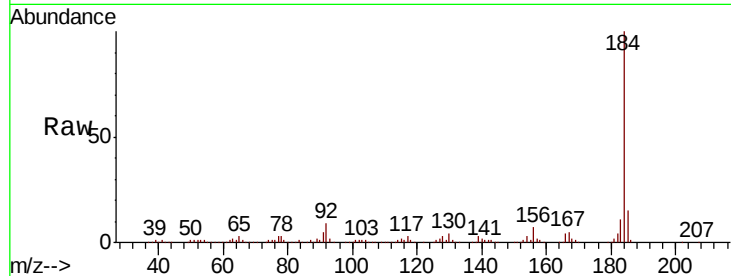
Tot Ion:184 Resp: 660838

Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

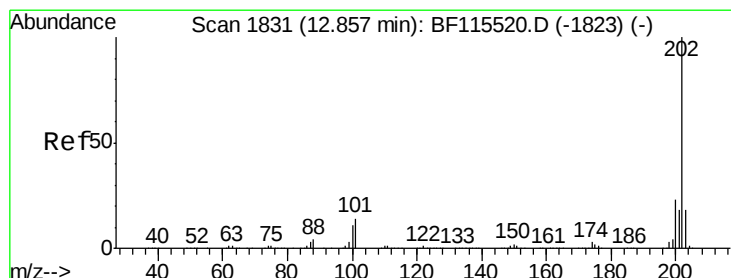
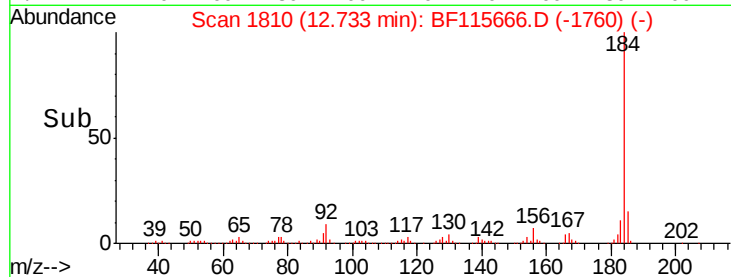
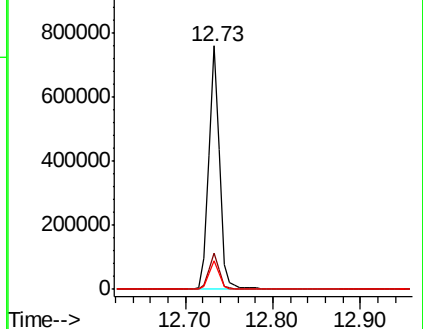
183 11.5 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.678 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

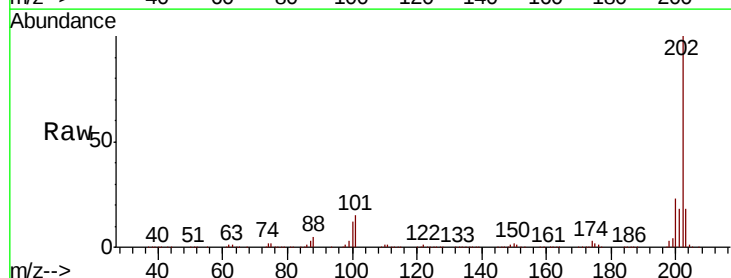
Tgt Ion:202 Resp: 1377284

Ion Ratio Lower Upper

202 100

200 22.7 18.7 28.1

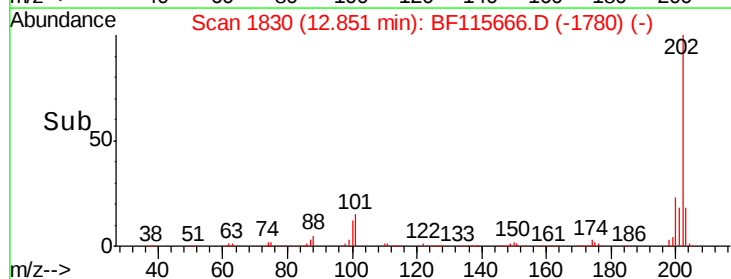
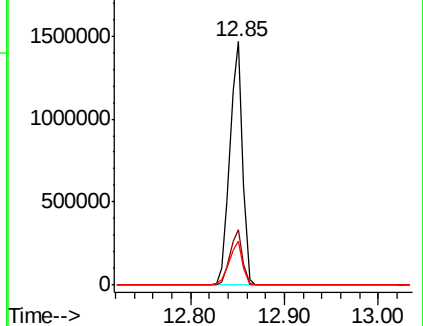
203 17.9 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.395 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

Instrument :

BNA_F

ClientSampleId :

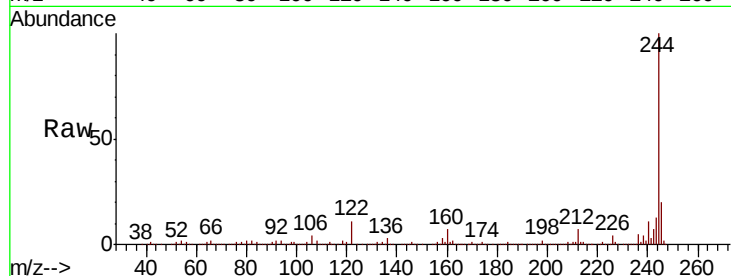
Tot Ion:244 Resp: 1809694

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

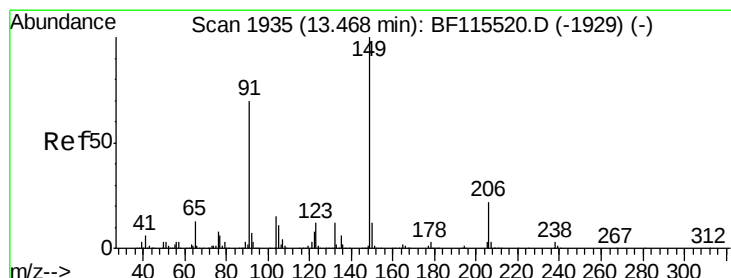
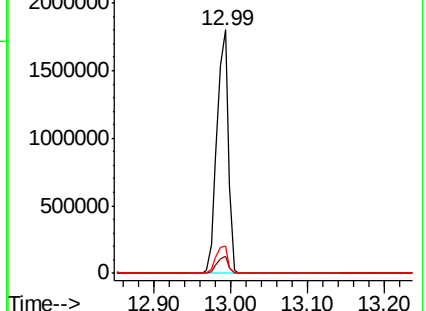
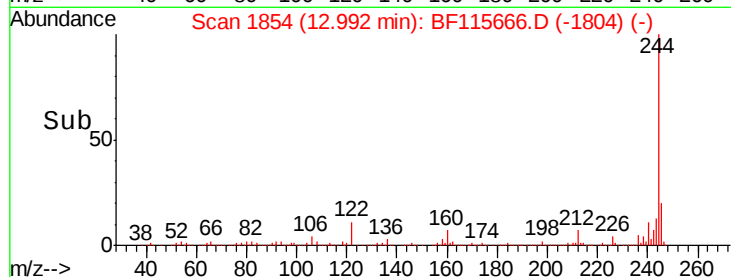
122 11.1 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.121 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

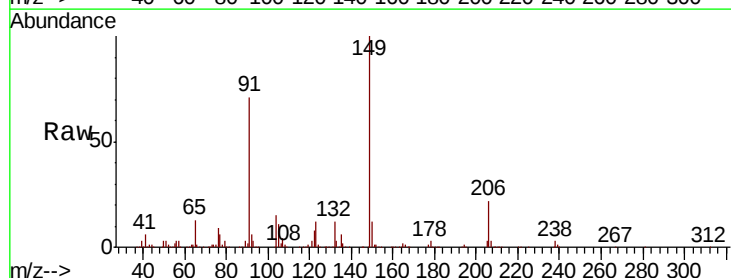
Tgt Ion:149 Resp: 625186

Ion Ratio Lower Upper

149 100

91 70.6 55.8 83.8

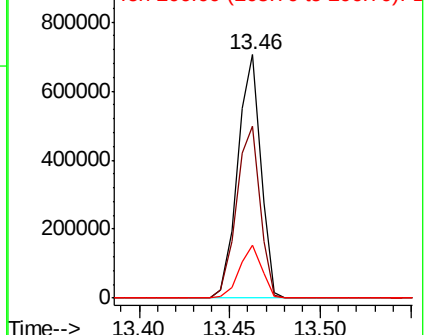
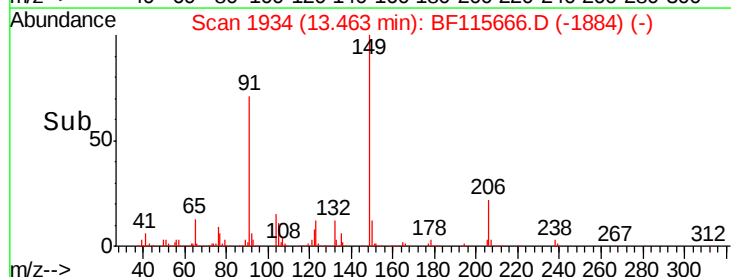
206 21.6 18.2 27.2



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

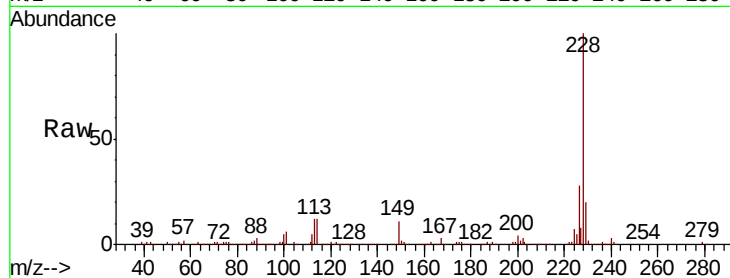




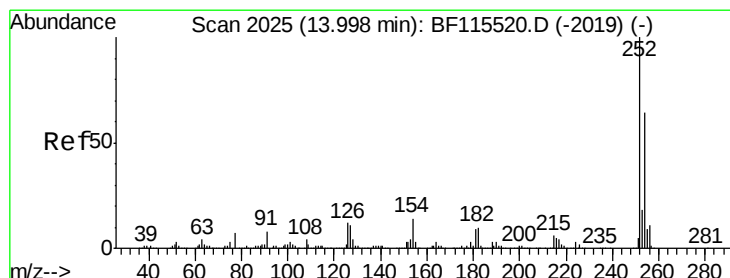
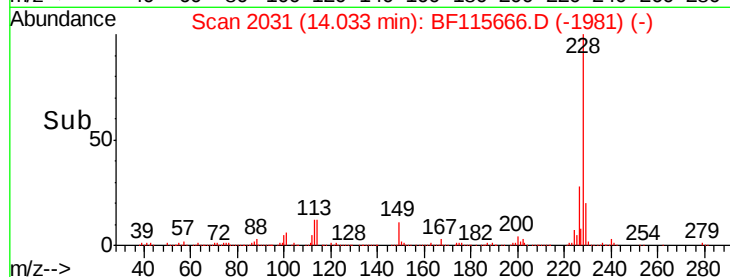
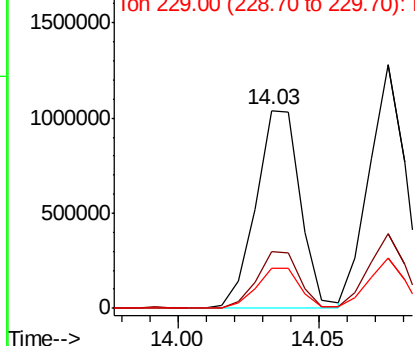
#81
Benzo(a)anthracene
Concen: 39.987 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1136572
Ion Ratio Lower Upper
228 100
226 28.4 23.4 35.0
229 20.4 17.2 25.8

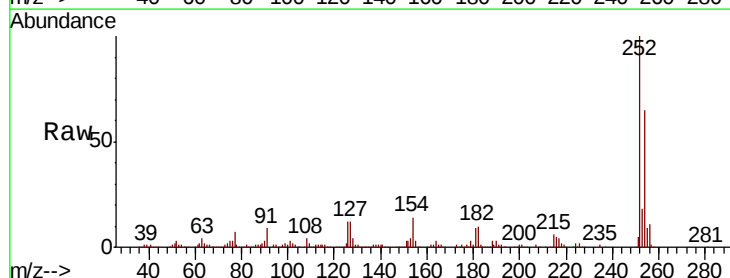


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

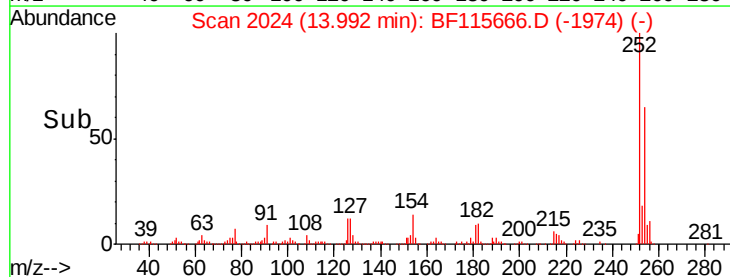
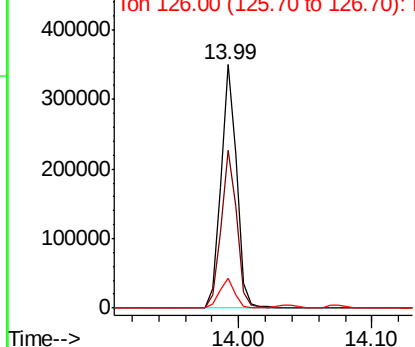


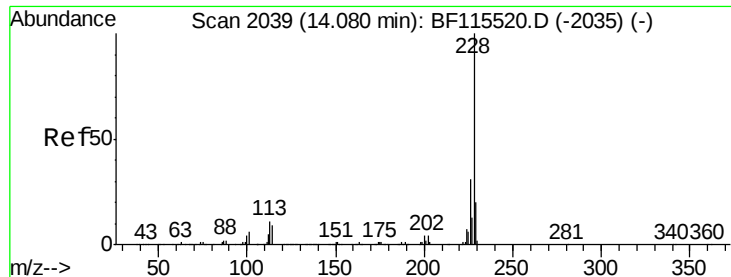
#82
3,3'-Dichlorobenzidine
Concen: 28.851 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Tgt Ion:252 Resp: 291525
Ion Ratio Lower Upper
252 100
254 64.8 52.9 79.3
126 12.4 9.9 14.9



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

Chrvsene

Concen: 39.446 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

Instrument :

BNA_F

ClientSampleId :

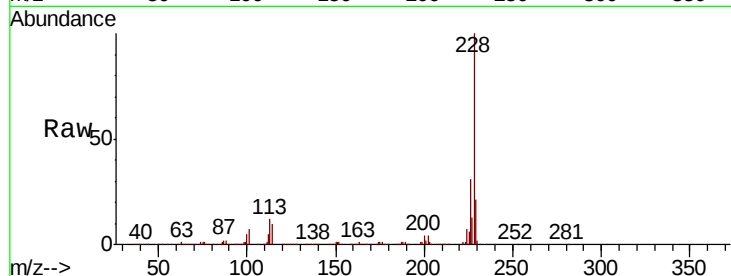
Tot Ion:228 Resp: 1125520

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.7	38.5
229	20.6	16.6	25.0

228 100

226 30.7 25.7 38.5

229 20.6 16.6 25.0

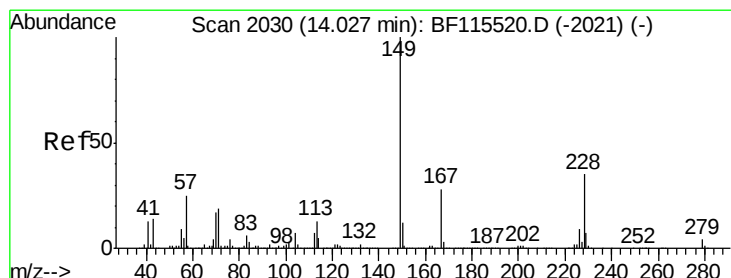
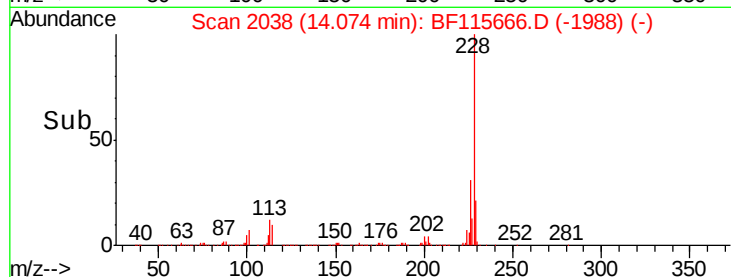
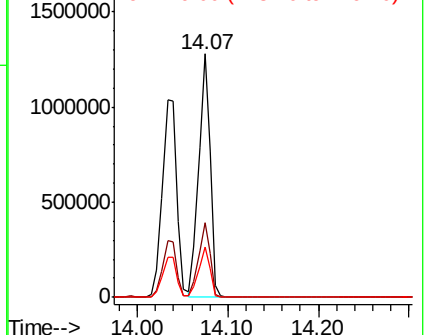


Abundance

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: 43.483 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

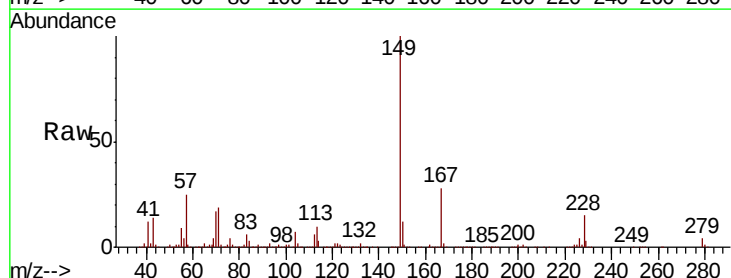
Tgt Ion:149 Resp: 839298

Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.0	34.4
279	3.9	4.2	6.2#

149 100

167 27.9 23.0 34.4

279 3.9 4.2 6.2#

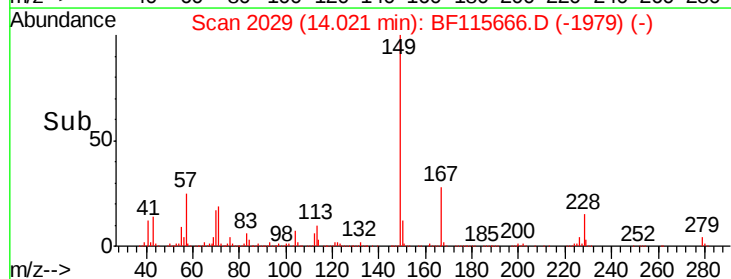
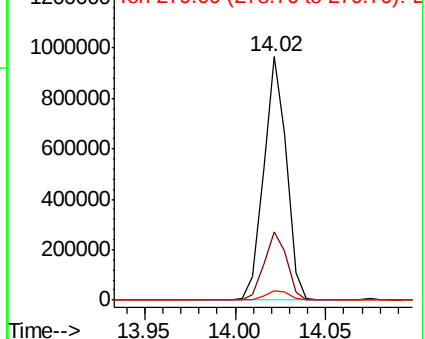


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.777 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

Instrument :

BNA_F

ClientSampleId :

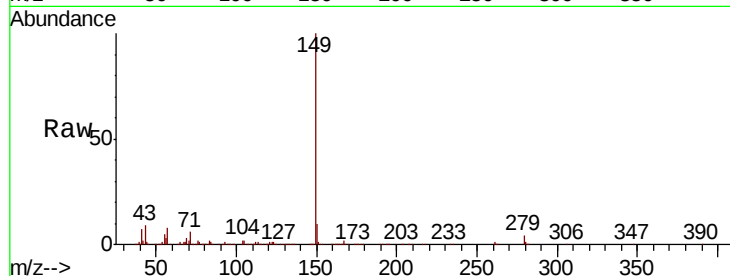
Tot Ion:149 Resp: 1375163

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

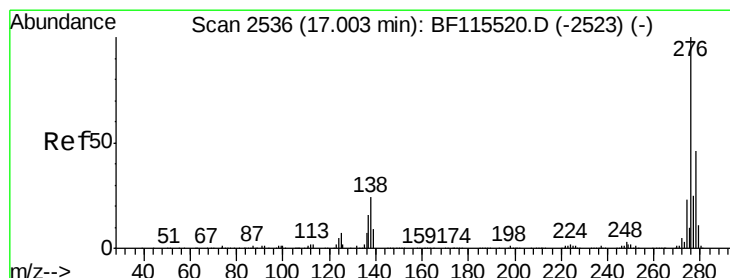
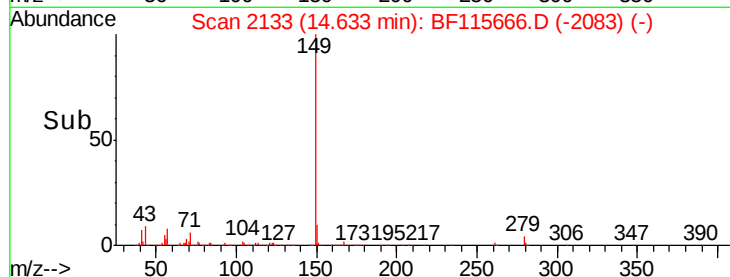
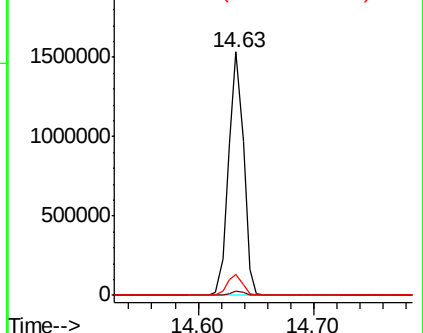
43 8.7 7.2 10.8



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: 39.114 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.00 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

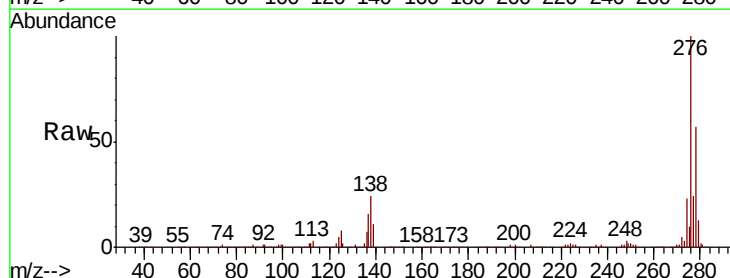
Tgt Ion:276 Resp: 948182

Ion Ratio Lower Upper

276 100

138 25.5 20.2 30.2

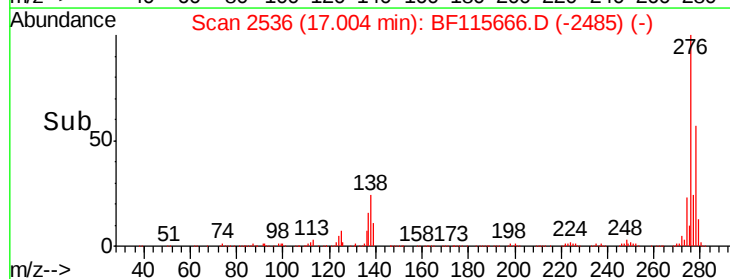
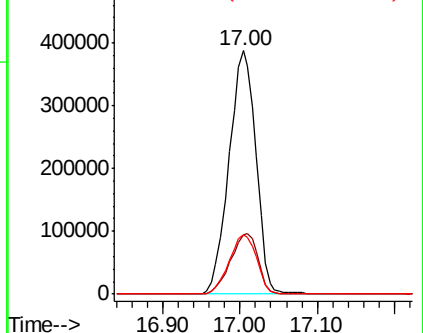
277 25.2 20.4 30.6



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

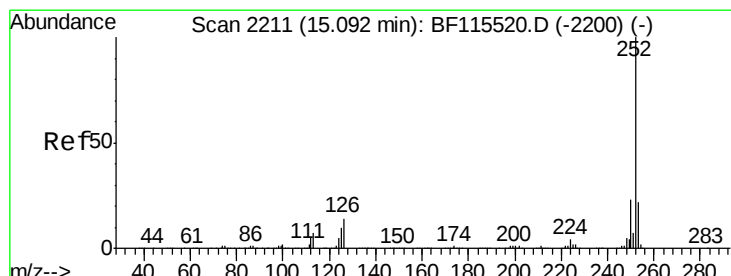
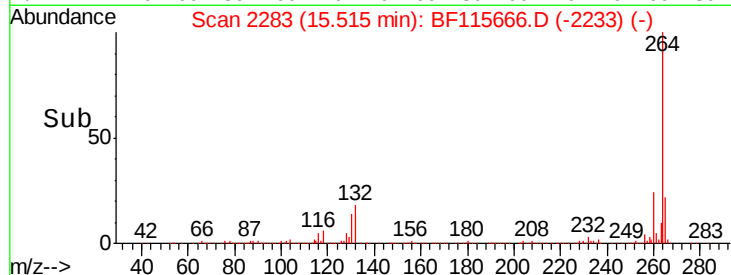
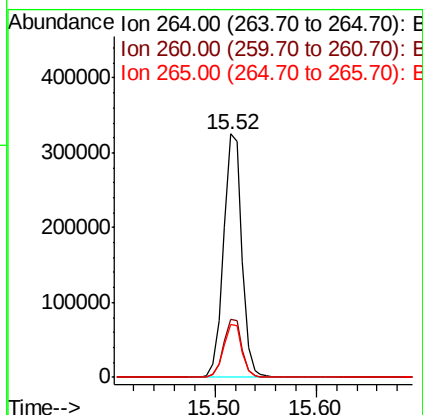
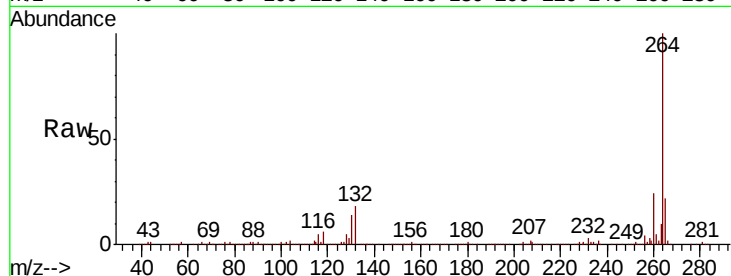




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

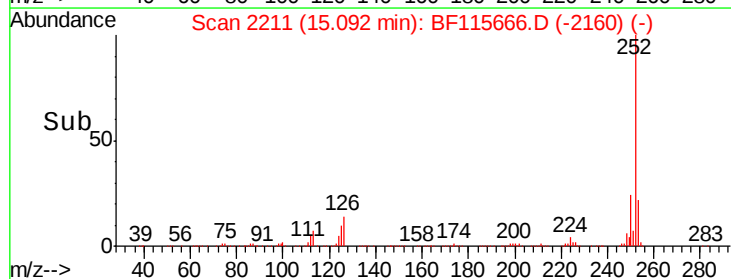
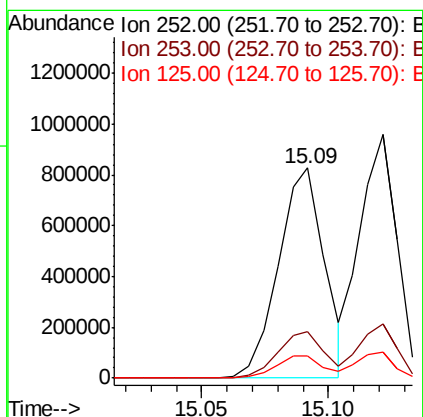
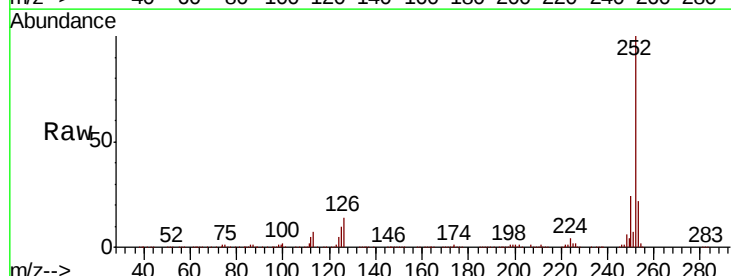
Instrument :
BNA_F
ClientSampleId :

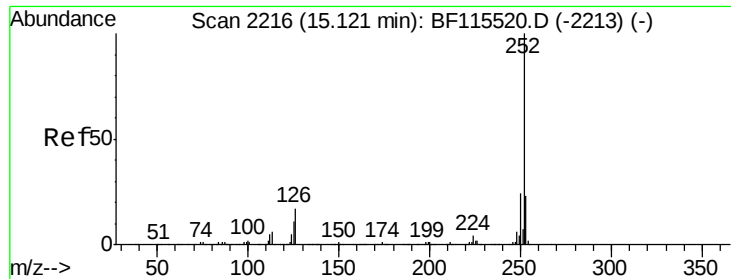
Tot Ion:264 Resp: 406536
Ion Ratio Lower Upper
264 100
260 23.7 19.8 29.8
265 21.8 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 39.970 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Tgt Ion:252 Resp: 1046308
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 10.4 9.0 13.4

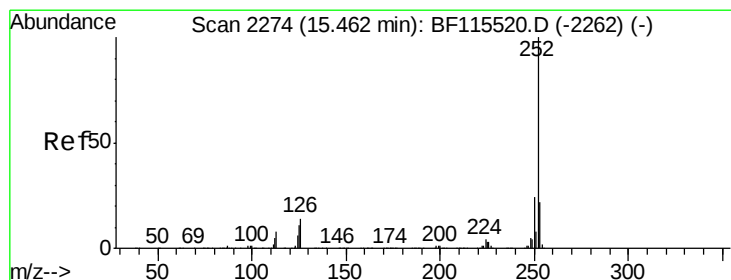
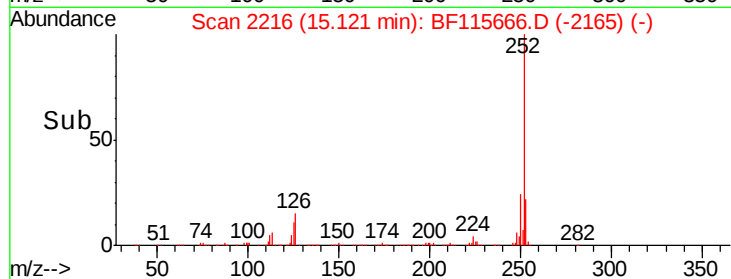
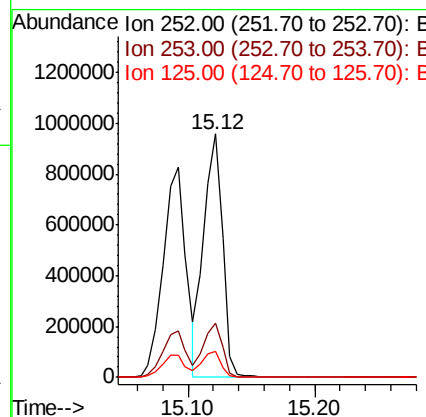
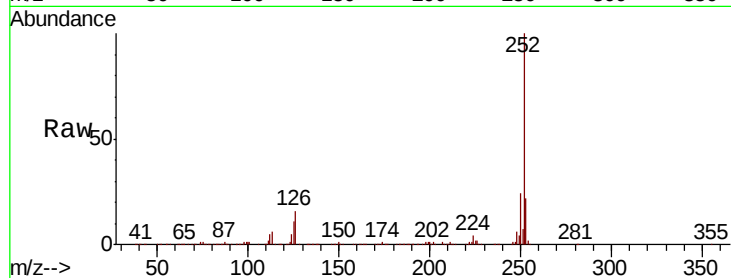




#89
Benzo(k)fluoranthene
Concen: 42.146 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

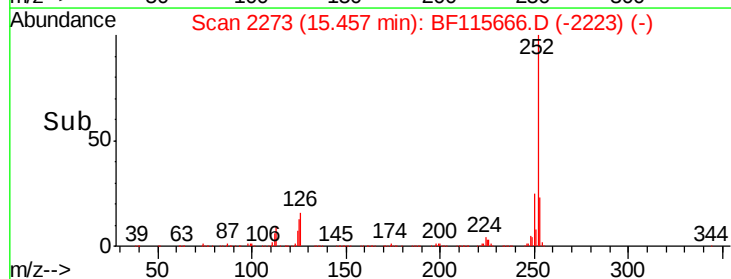
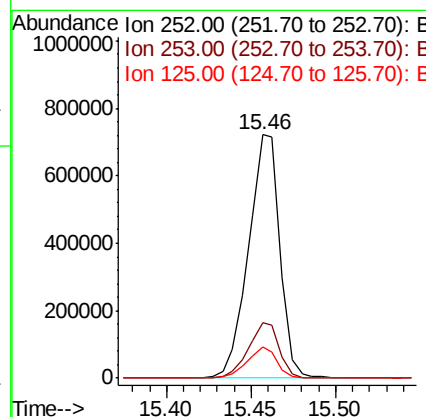
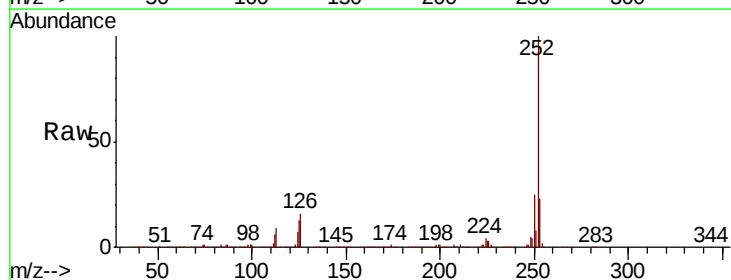
Instrument :
BNA_F
ClientSampleId :

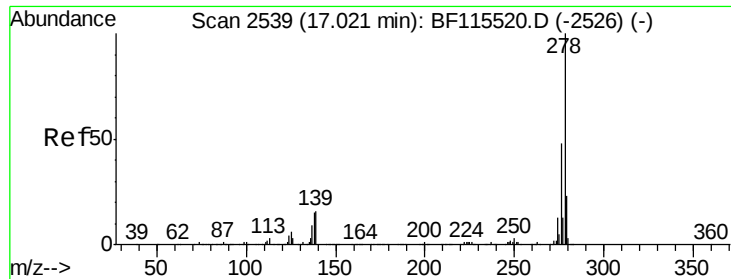
Tot Ion:252 Resp: 983649
Ion Ratio Lower Upper
252 100
253 22.2 18.6 28.0
125 10.7 9.0 13.6



#90
Benzo(a)pyrene
Concen: 41.502 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF115666.D
Acq: 19 Jul 2019 9:43

Tgt Ion:252 Resp: 933779
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 12.8 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 39.933 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

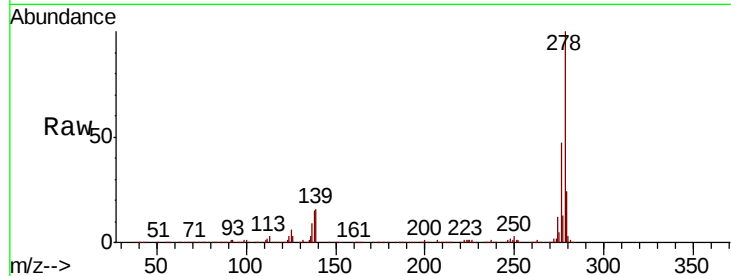
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 788765

Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.1	19.7
279	23.6	19.6	29.4

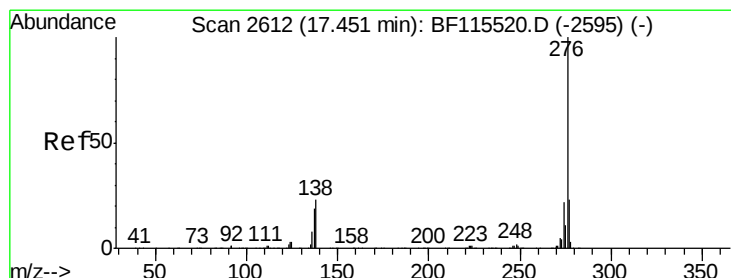
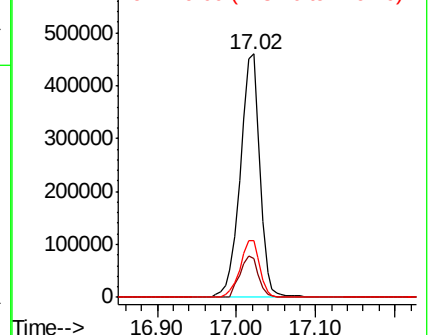
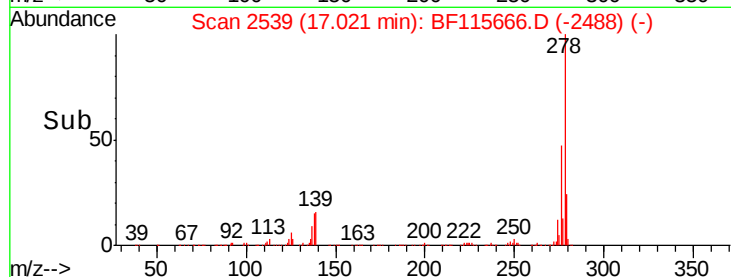


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.769 ng

RT: 17.45 min Scan# 2612

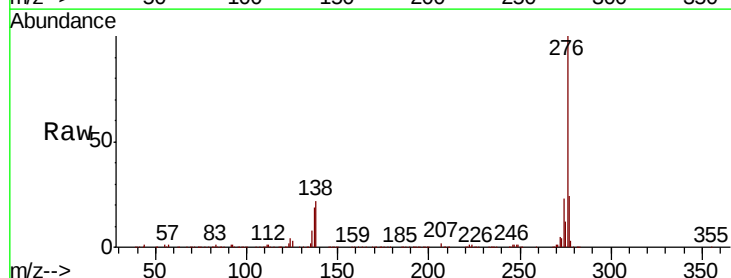
Delta R.T. 0.00 min

Lab File: BF115666.D

Acq: 19 Jul 2019 9:43

Tgt Ion:276 Resp: 783426

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	22.2	17.2	25.8



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

