

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115519.D
 Acq On : 12 Jul 2019 9:56
 Operator : HP/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 12:34:41 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 12:28:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	176380	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	739905	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	363093	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	690228	20.00	ng	0.00
76) Chrysene-d12	14.05	240	478302	20.00	ng	0.00
87) Perylene-d12	15.52	264	433720	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	461937	40.46	ng	0.00
7) Phenol-d6	6.50	99	581139	40.03	ng	-0.01
23) Nitrobenzene-d5	7.44	82	521674	41.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	183680	45.75	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1027575	49.66	ng	0.00
79) Terphenyl-d14	12.99	244	1102049	47.18	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	109003	19.466	ng	99
3) Pyridine	3.45	79	288357	18.623	ng	99
4) n-Nitrosodimethylamine	3.39	42	104133	16.585	ng	96
6) Aniline	6.55	93	398489	19.450	ng	98
8) 2-Chlorophenol	6.67	128	263275	20.424	ng	100
9) Benzaldehyde	6.43	77	189978	20.545	ng	96
10) Phenol	6.52	94	343446	19.771	ng	91
11) bis(2-Chloroethyl)ether	6.62	93	251748	19.535	ng	98
12) 1,3-Dichlorobenzene	6.83	146	296665	21.007	ng	96
13) 1,4-Dichlorobenzene	6.90	146	295662	20.901	ng	98
14) 1,2-Dichlorobenzene	7.06	146	282029	21.534	ng	98
15) Benzyl Alcohol	7.02	79	230809	19.811	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	332449	18.450	ng	100
17) 2-Methylphenol	7.13	107	219741	19.898	ng	99
18) Hexachloroethane	7.40	117	107015	20.307	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	184979	18.832	ng	97
20) 3+4-Methylphenols	7.28	107	276923	21.229	ng	# 88
22) Acetophenone	7.29	105	359774	20.292	ng	# 95
24) Nitrobenzene	7.46	77	283335	20.034	ng	99
25) Isophorone	7.70	82	515103	18.977	ng	100
26) 2-Nitrophenol	7.78	139	141155	24.276	ng	97
27) 2,4-Dimethylphenol	7.82	122	211434	19.070	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	325806	19.465	ng	99
29) 2,4-Dichlorophenol	8.02	162	229251	20.760	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	262449	21.348	ng	99
31) Naphthalene	8.19	128	786635	21.404	ng	98
32) Benzoic acid	7.91	122	163017	21.518	ng	97
33) 4-Chloroaniline	8.23	127	335371	20.453	ng	99
34) Hexachlorobutadiene	8.31	225	150349	21.565	ng	98
35) Caprolactam	8.59	113	69588	19.348	ng	95
36) 4-Chloro-3-methylphenol	8.71	107	236747	20.268	ng	99
37) 2-Methylnaphthalene	8.88	142	519353	21.142	ng	99
38) 1-Methylnaphthalene	8.98	142	496405	21.180	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	236564	22.647	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	127542	21.067	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	166417	21.883	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	169720	21.523	ng	99
46) 1,1'-Biphenyl	9.35	154	631888	22.137	ng	99
47) 2-Chloronaphthalene	9.37	162	516276	21.884	ng	98
48) 2-Nitroaniline	9.46	65	149327	21.544	ng	99
49) Acenaphthylene	9.79	152	779015	21.810	ng	99
50) Dimethylphthalate	9.64	163	578953	21.244	ng	99
51) 2,6-Dinitrotoluene	9.70	165	127312	21.540	ng	93
52) Acenaphthene	9.96	154	496203	22.073	ng	100
53) 3-Nitroaniline	9.86	138	144264	21.015	ng	100
54) 2,4-Dinitrophenol	9.97	184	57517	27.811	ng	# 45
55) Dibenzofuran	10.13	168	700398	22.118	ng	98
56) 4-Nitrophenol	10.02	139	109292	20.578	ng	98
57) 2,4-Dinitrotoluene	10.10	165	166303	22.140	ng	90
58) Fluorene	10.47	166	516977	20.710	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	146395	21.491	ng	99
60) Diethylphthalate	10.34	149	552429	20.594	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	269481	22.118	ng	99
62) 4-Nitroaniline	10.47	138	137887	20.463	ng	97
63) Azobenzene	10.62	77	542111	19.605	ng	99
65) 4,6-Dinitro-2-methylphenol	10.51	198	78299	26.112	ng	96
66) n-Nitrosodiphenylamine	10.57	169	464665	21.366	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	168368	21.739	ng	97
68) Hexachlorobenzene	11.02	284	189255	21.777	ng	96
69) Atrazine	11.10	200	151695	22.539	ng	99
70) Pentachlorophenol	11.21	266	115392	21.787	ng	97
71) Phenanthrene	11.43	178	788560	21.723	ng	98
72) Anthracene	11.49	178	788696	21.667	ng	98
73) Carbazole	11.63	167	713750	21.433	ng	98
74) Di-n-butylphthalate	11.97	149	857504	21.306	ng	100
75) Fluoranthene	12.62	202	809385	21.176	ng	99
77) Benzidine	12.73	184	385187	20.651	ng	99
78) Pyrene	12.85	202	820098	22.049	ng	98
80) Butylbenzylphthalate	13.46	149	340413	20.947	ng	97
81) Benzo(a)anthracene	14.03	228	671105	21.898	ng	99
82) 3,3'-Dichlorobenzidine	13.99	252	246582	22.174	ng	99
83) Chrysene	14.07	228	652693	20.728	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	447948	22.257	ng	99
85) Di-n-octyl phthalate	14.64	149	712151	19.877	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	481755	17.678	ng	99
88) Benzo(b)fluoranthene	15.09	252	610324	21.613	ng	99
89) Benzo(k)fluoranthene	15.12	252	515481	20.526	ng	99
90) Benzo(a)pyrene	15.46	252	492701	20.229	ng	100
91) Dibenzo(a,h)anthracene	17.01	278	398674	19.155	ng	99
92) Benzo(g,h,i)perylene	17.44	276	378025	19.189	ng	99

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

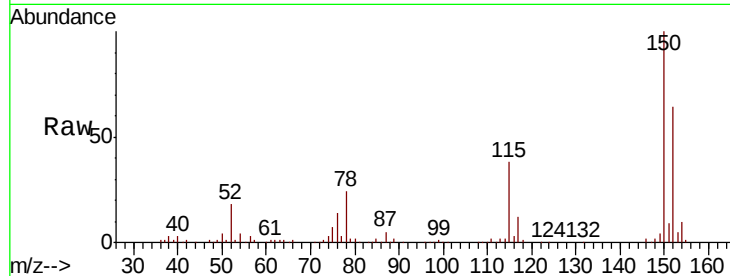


#1

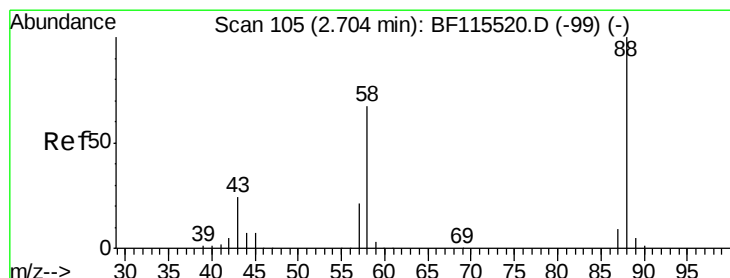
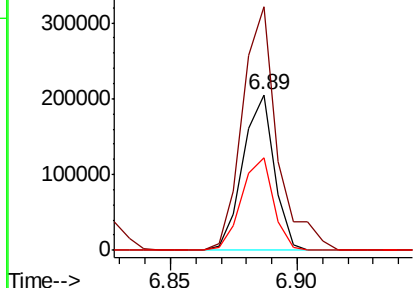
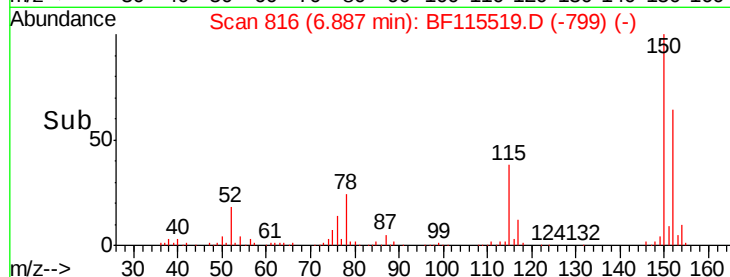
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF115519.D
 Acq: 12 Jul 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.4	189.6
115	59.4	49.6	74.4



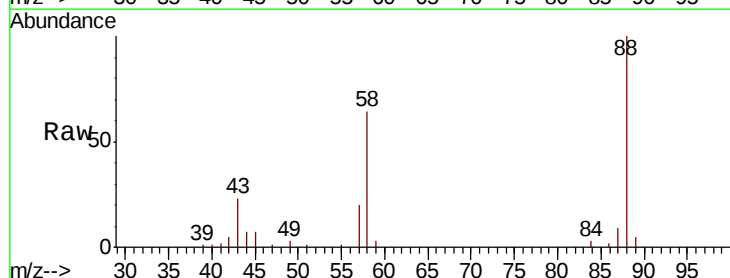
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



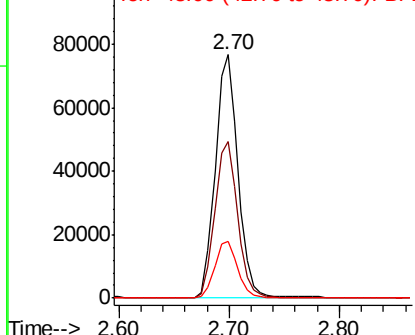
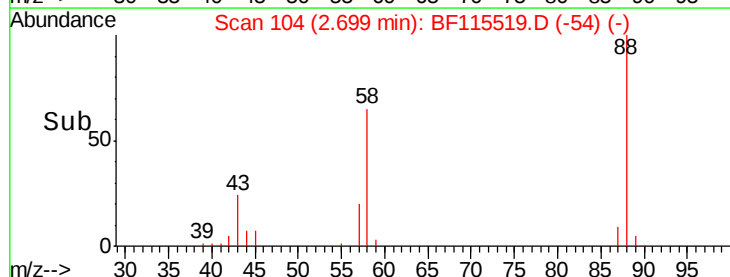
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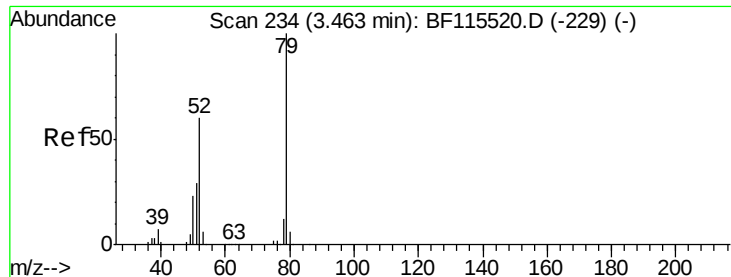
1,4-Dioxane
 Concen: 19.466 ng
 RT: 2.70 min Scan# 104
 Delta R.T. -0.01 min
 Lab File: BF115519.D
 Acq: 12 Jul 2019 9:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.4	52.2	78.4
43	23.5	19.0	28.4



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: 18.623 ng

RT: 3.45 min Scan# 232

Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

Instrument :

BNA_F

ClientSampleId :

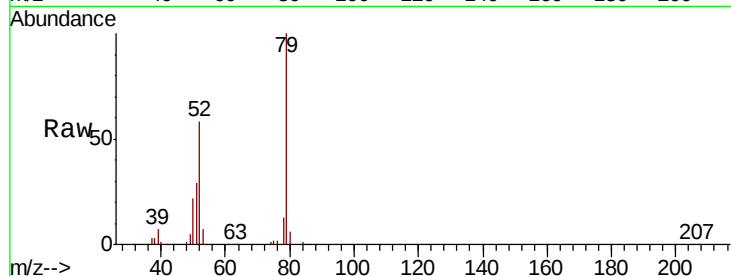
Tot Ion: 79 Resp: 288357

Ion Ratio Lower Upper

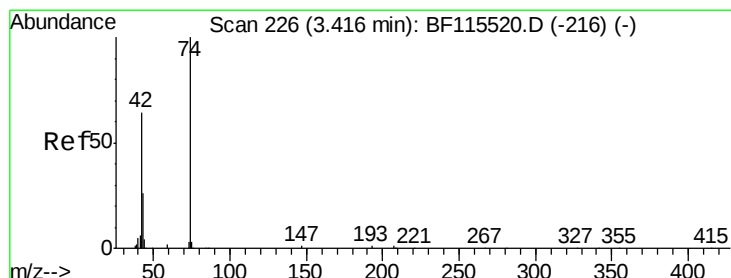
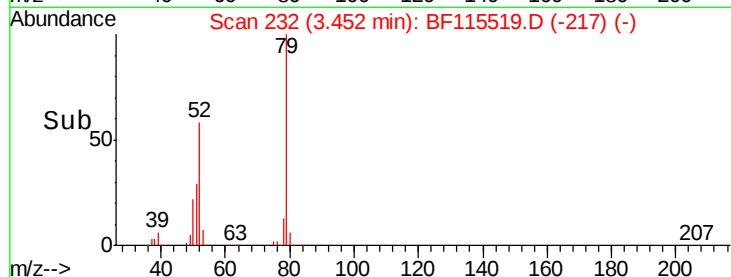
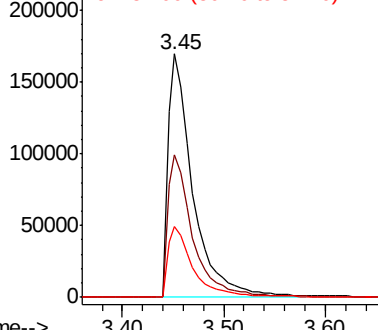
79 100

52 58.4 47.6 71.4

51 29.2 23.4 35.0



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: 16.585 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.03 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

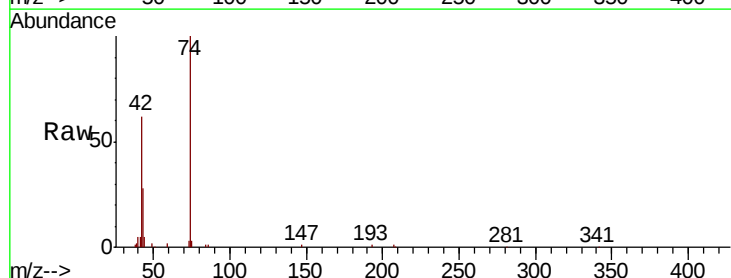
Tgt Ion: 42 Resp: 104133

Ion Ratio Lower Upper

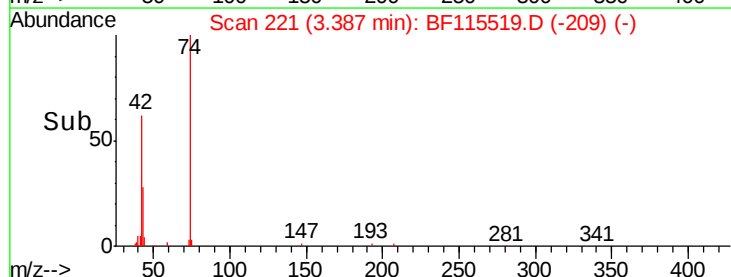
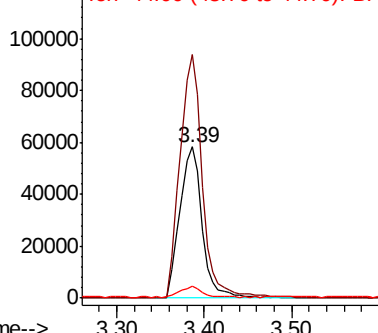
42 100

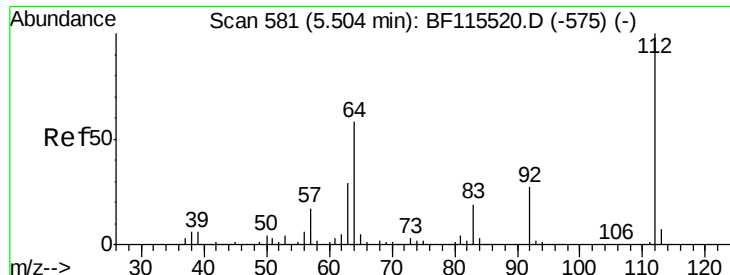
74 160.9 124.8 187.2

44 7.6 5.6 8.4



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

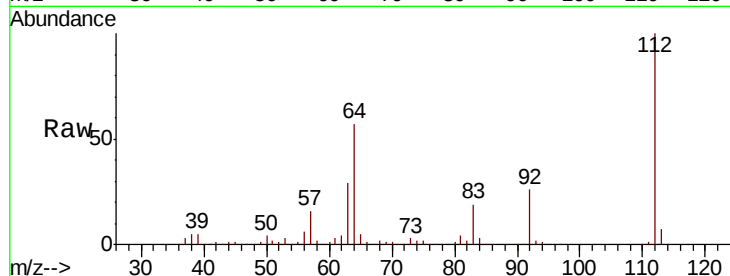




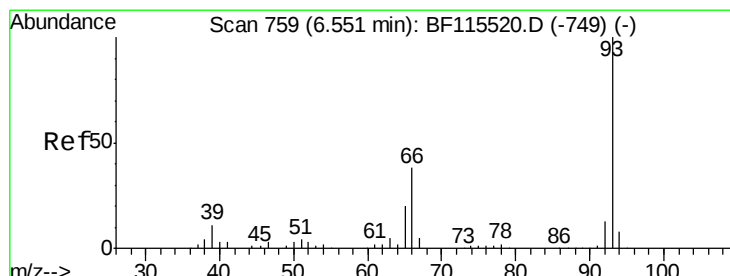
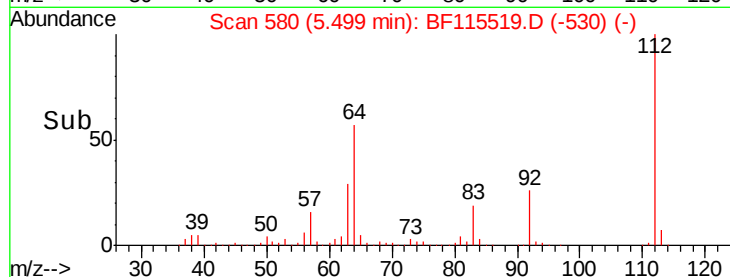
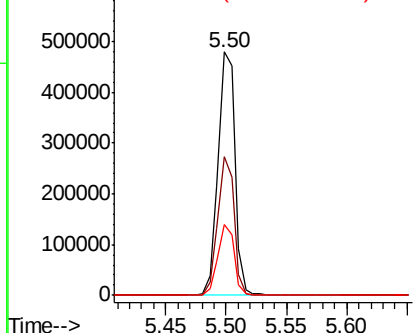
#5
2-Fluorophenol
Concen: 40.464 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:112 Resp: 461937
Ion Ratio Lower Upper
112 100
64 57.1 46.2 69.4
63 29.1 23.4 35.2

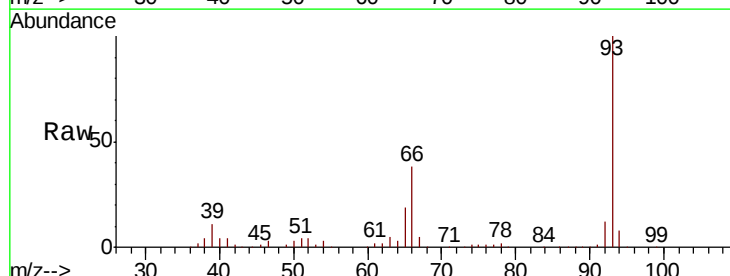


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

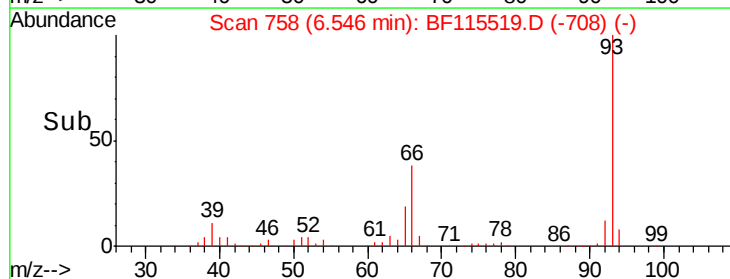
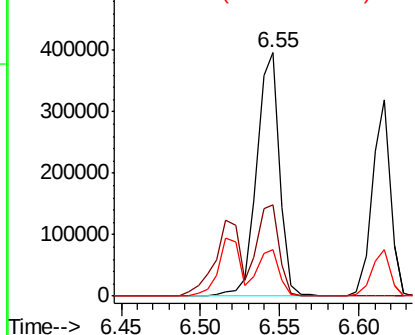


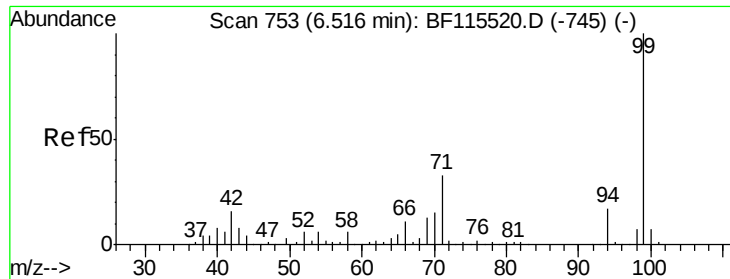
#6
Aniline
Concen: 19.450 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Tgt Ion: 93 Resp: 398489
Ion Ratio Lower Upper
93 100
66 37.7 31.2 46.8
65 19.2 15.8 23.8



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: 40.027 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

Instrument :

BNA_F

ClientSampleId :

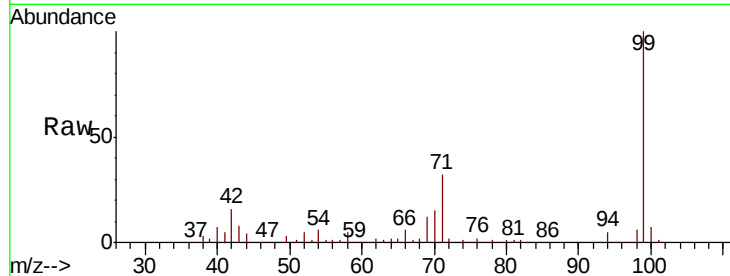
Tot Ion: 99 Resp: 581139

Ion Ratio Lower Upper

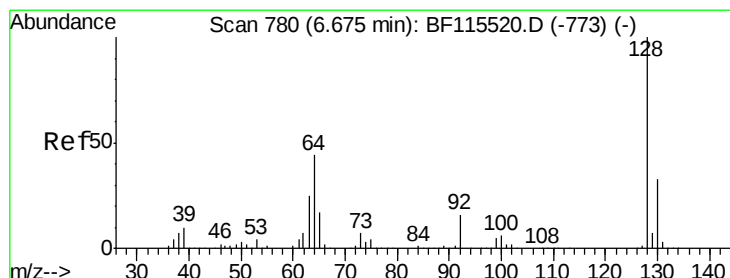
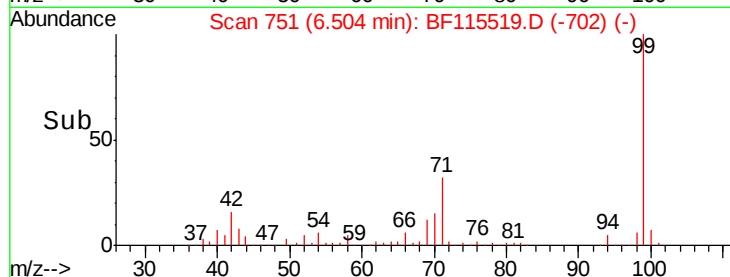
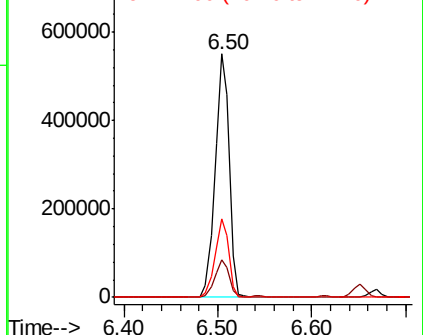
99 100

42 15.7 12.6 18.8

71 32.2 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 20.424 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

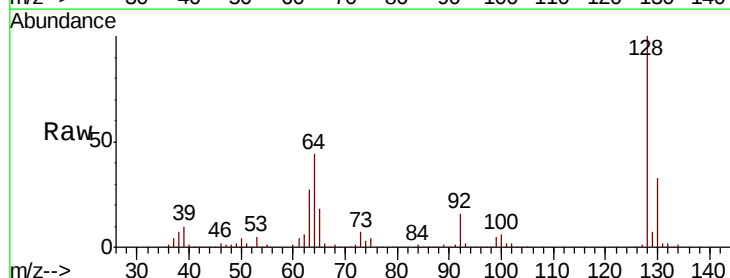
Tgt Ion: 128 Resp: 263275

Ion Ratio Lower Upper

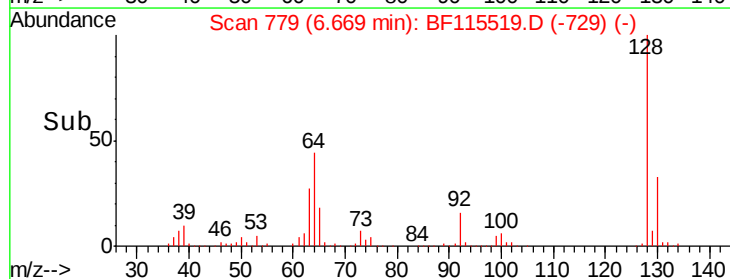
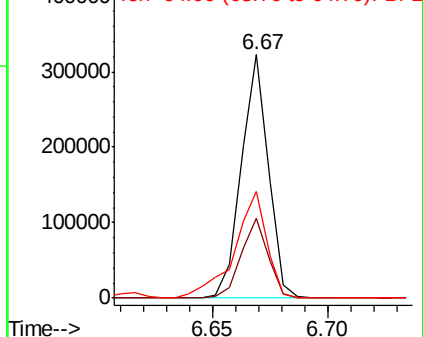
128 100

130 32.6 12.8 52.8

64 43.6 23.9 63.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.545 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

Instrument :

BNA_F

ClientSampled :

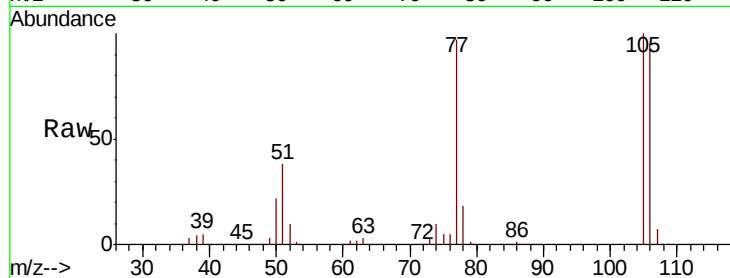
Tot Ion: 77 Resp: 189978

Ion Ratio Lower Upper

77 100

105 103.4 78.8 118.8

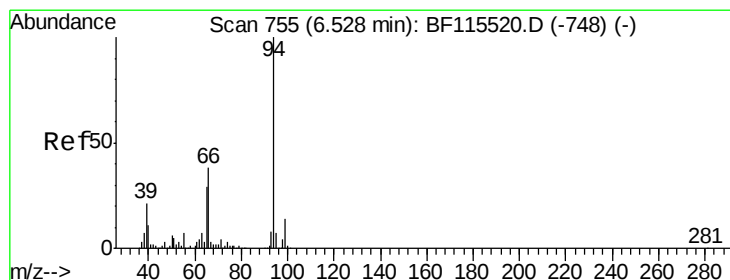
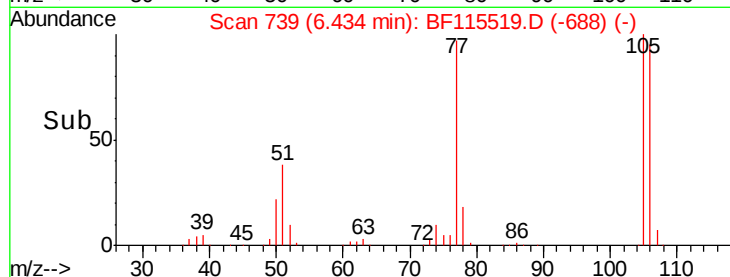
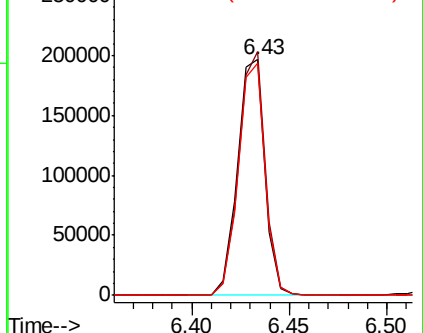
106 98.6 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 19.771 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

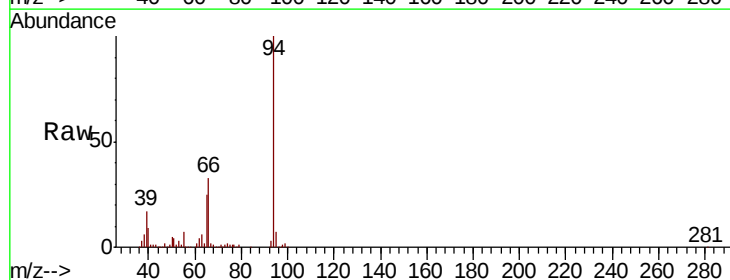
Tgt Ion: 94 Resp: 343446

Ion Ratio Lower Upper

94 100

65 25.0 8.6 48.6

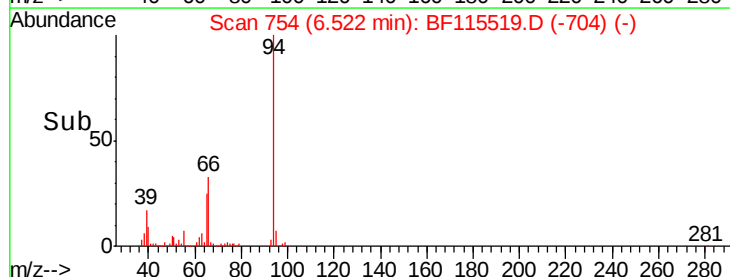
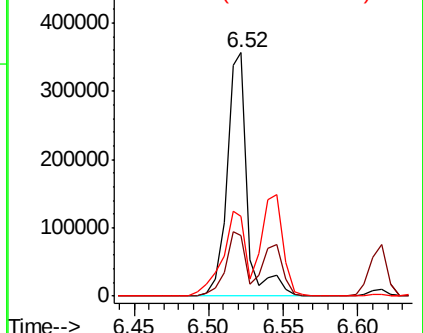
66 32.6 18.7 58.7

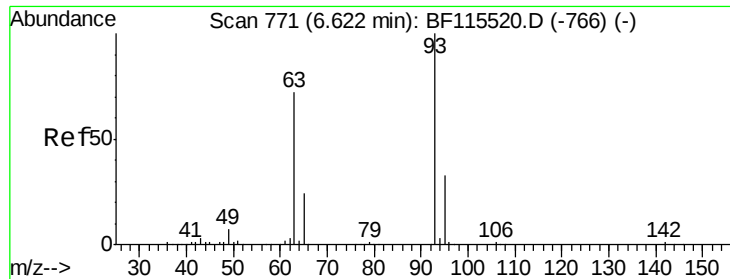


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

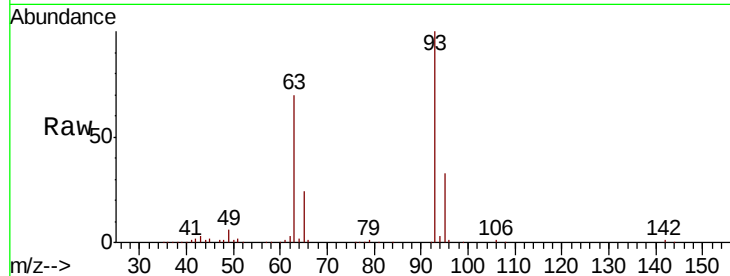




#11
bis(2-Chloroethyl)ether
Concen: 19.535 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.8	52.0	92.0
95	33.2	13.1	53.1

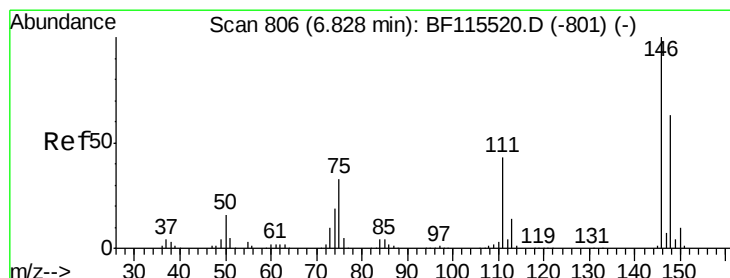
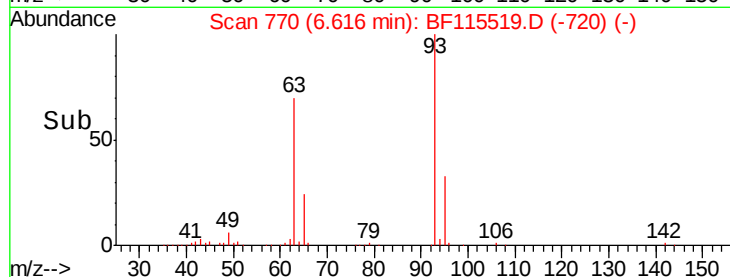
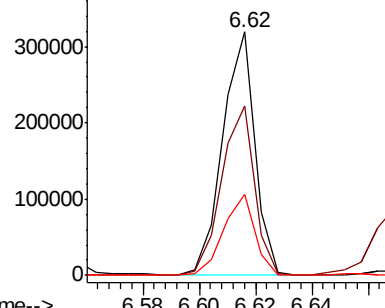


Abundance

Ion 93.00 (92.70 to 93.70): BF1

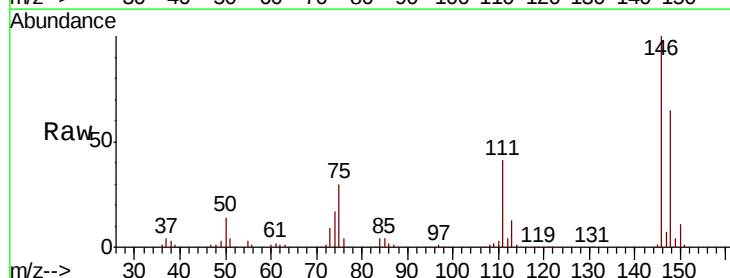
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 21.007 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.6	76.0
75	29.5	26.1	39.1

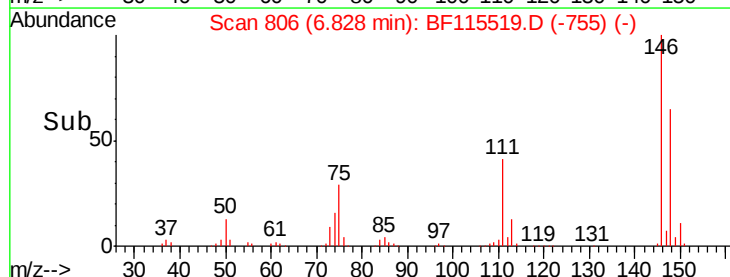
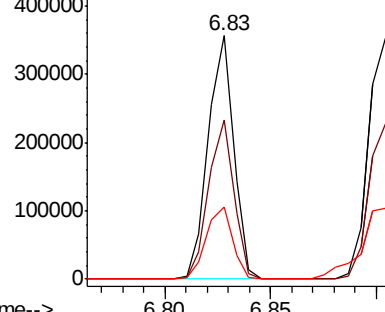


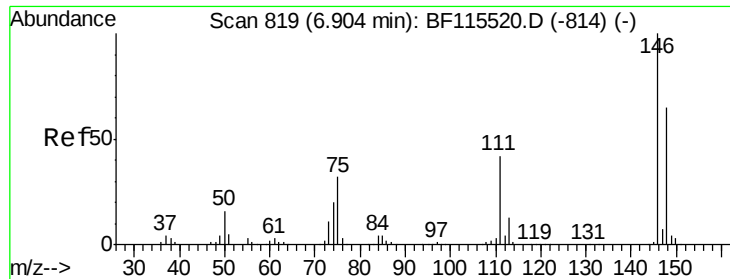
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

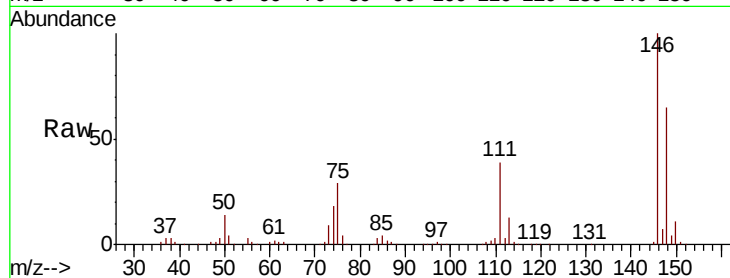




#13
 1,4-Dichlorobenzene
 Concen: 20.901 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF115519.D
 Acq: 12 Jul 2019 9:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
111	39.1	33.6	50.4

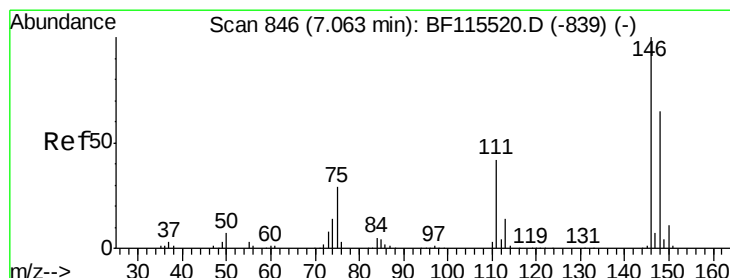
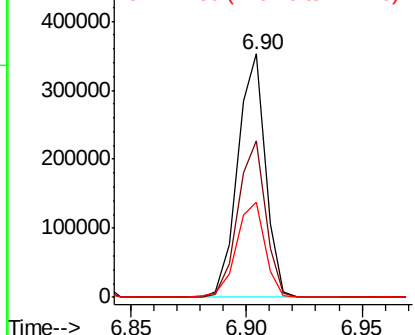
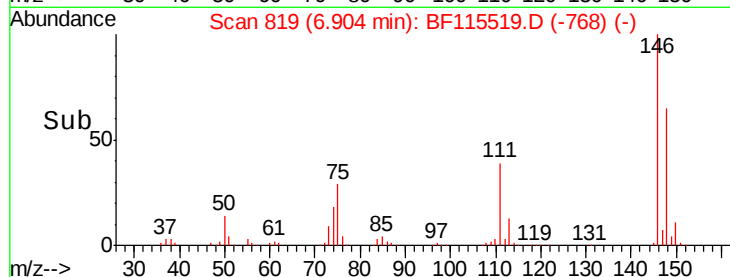


Abundance

Ion 146.00 (145.70 to 146.70): E

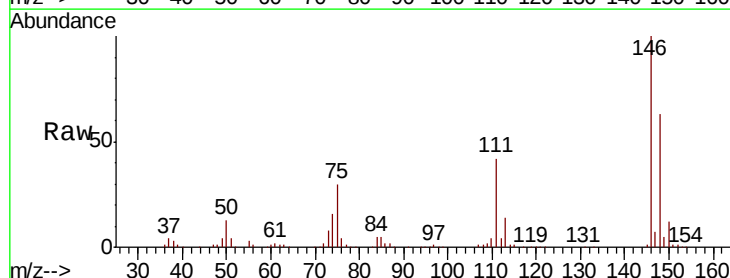
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 21.534 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF115519.D
 Acq: 12 Jul 2019 9:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.1	78.1
111	41.9	33.8	50.8

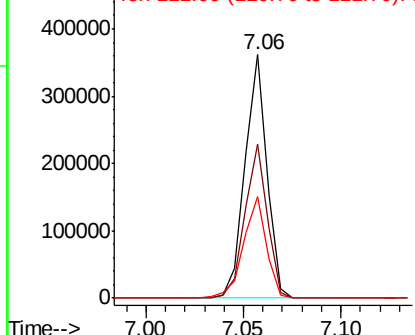
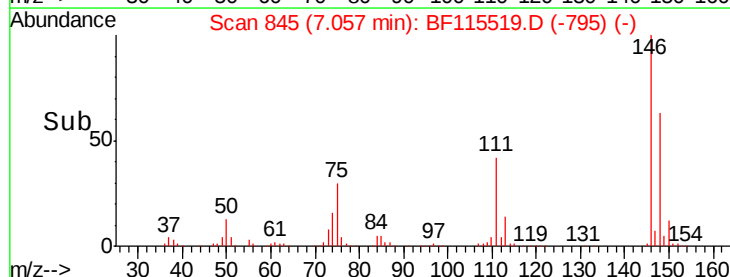


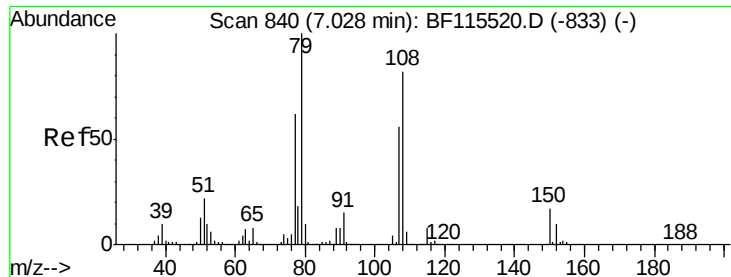
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 19.811 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

Instrument :

BNA_F

ClientSampleId :

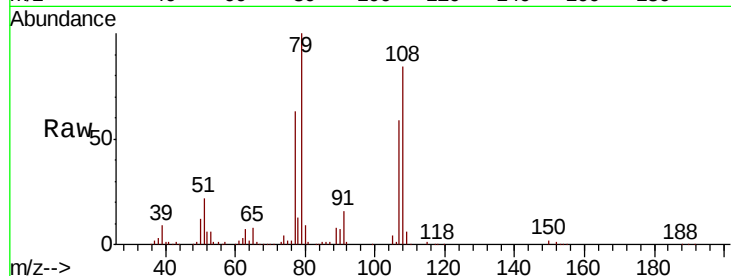
Tot Ion: 79 Resp: 230809

Ion Ratio Lower Upper

79 100

108 84.0 65.3 97.9

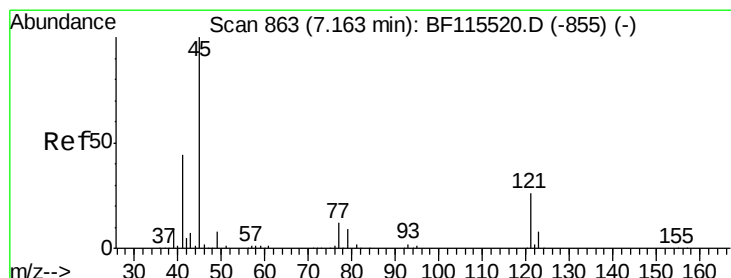
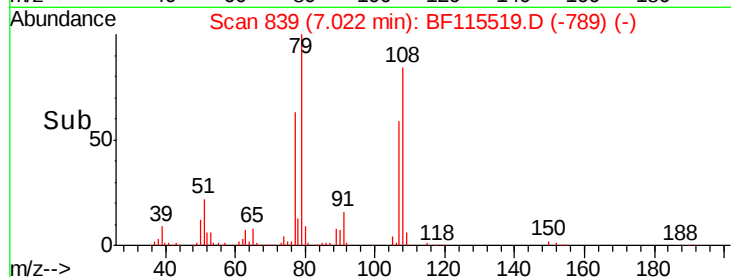
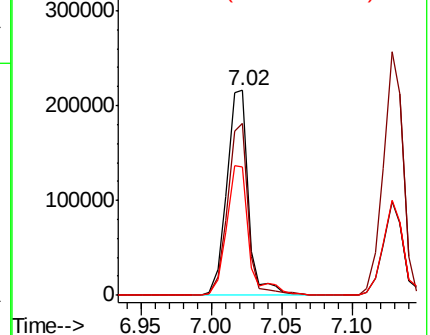
77 62.7 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 18.450 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

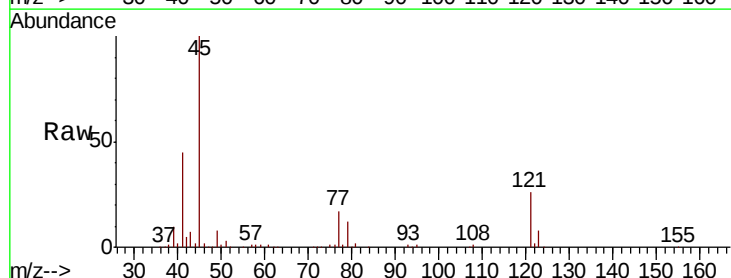
Tgt Ion: 45 Resp: 332449

Ion Ratio Lower Upper

45 100

77 16.6 0.0 36.7

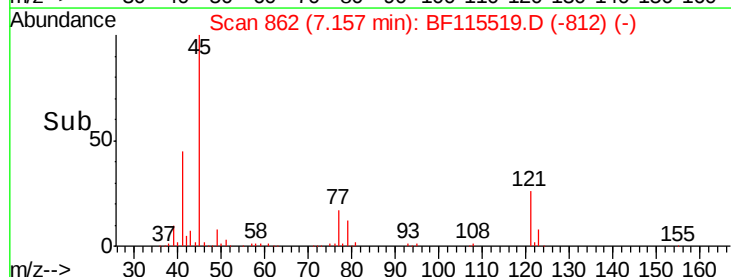
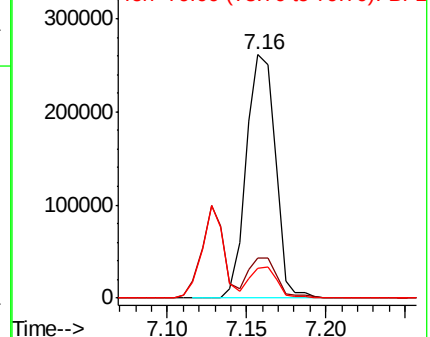
79 12.5 0.0 32.8

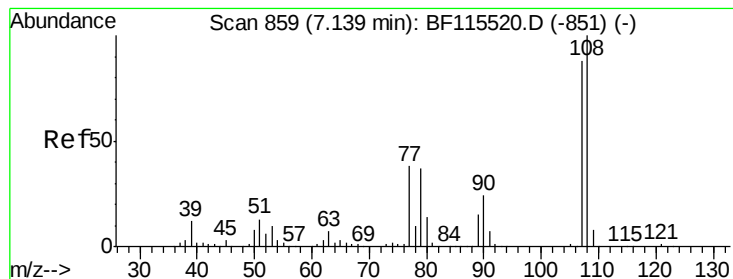


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

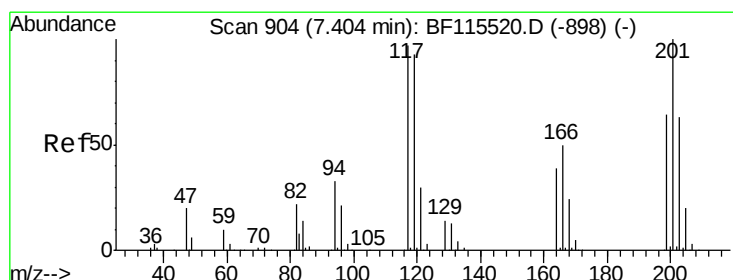
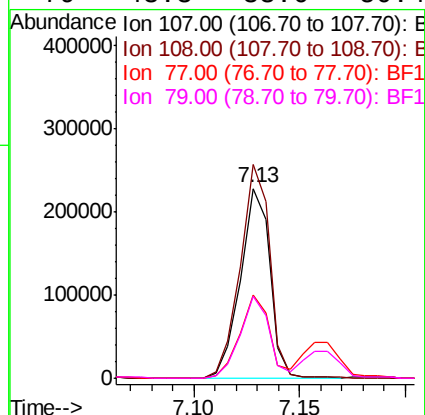
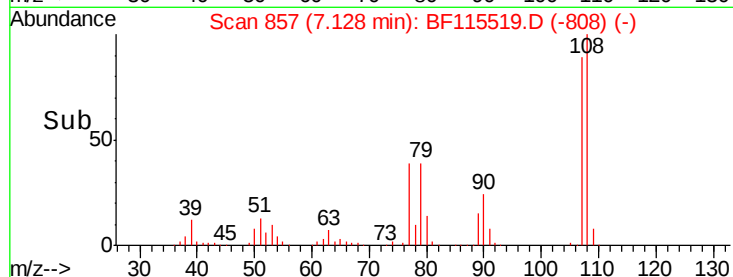
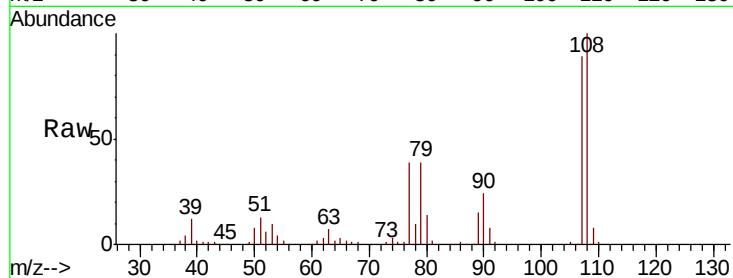




#17
2-Methylphenol
Concen: 19.898 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

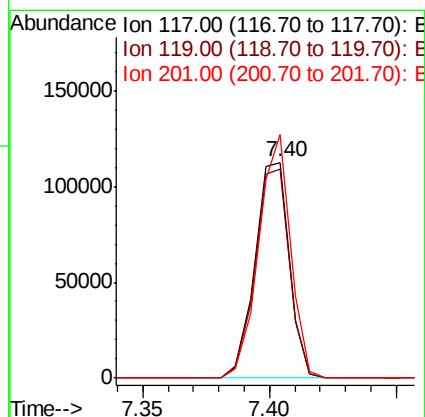
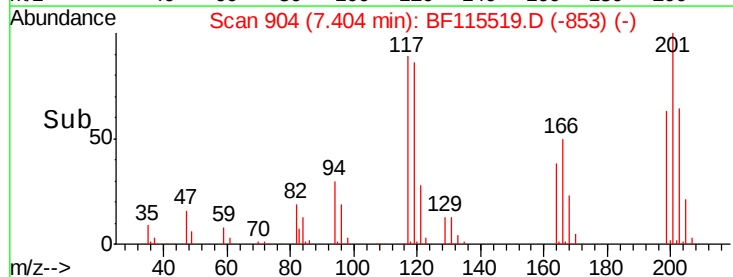
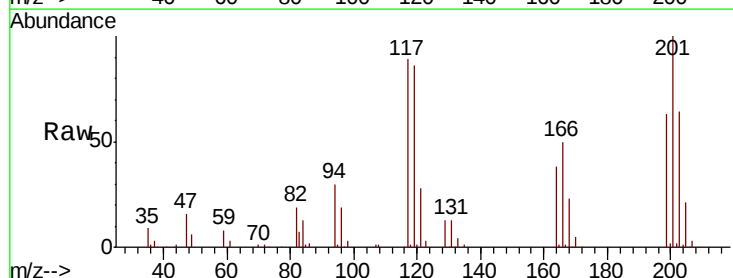
Instrument :
BNA_F
ClientSampleId :

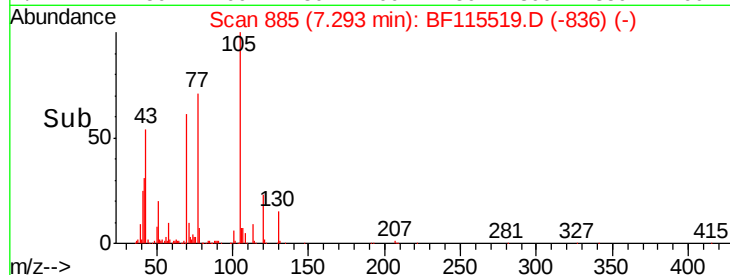
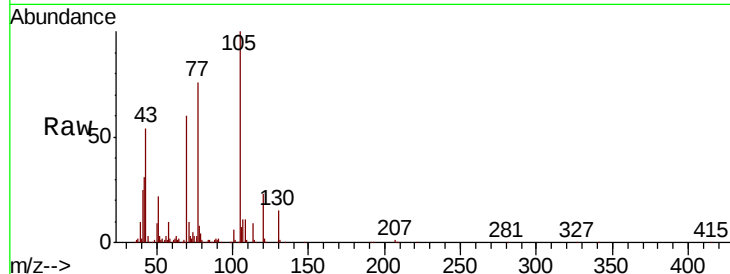
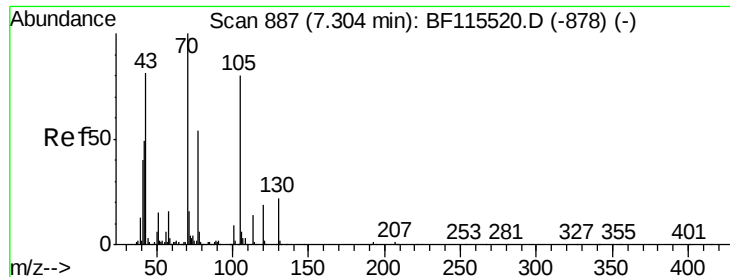
Tot Ion:107 Resp: 219741
Ion Ratio Lower Upper
107 100
108 112.4 90.5 135.7
77 43.7 34.9 52.3
79 43.3 33.6 50.4



#18
Hexachloroethane
Concen: 20.307 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Tgt Ion:117 Resp: 107015
Ion Ratio Lower Upper
117 100
119 97.1 76.8 115.2
201 112.9 82.2 123.4

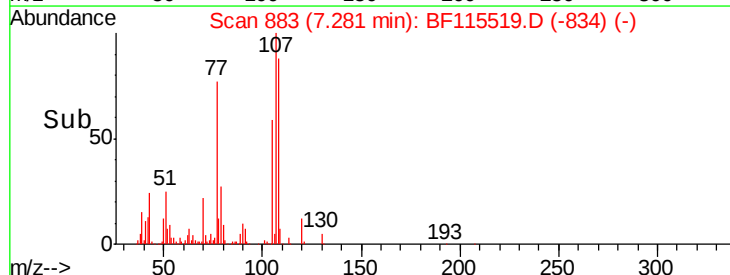
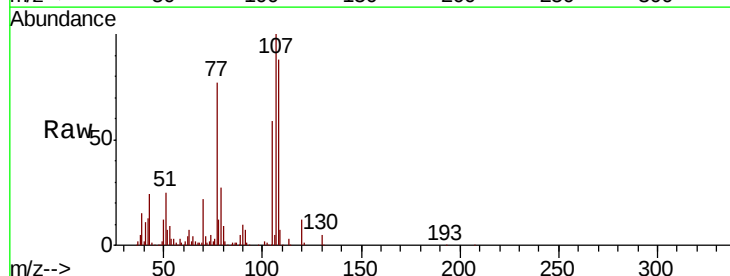
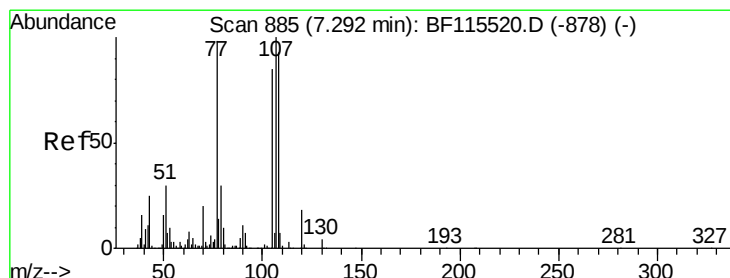
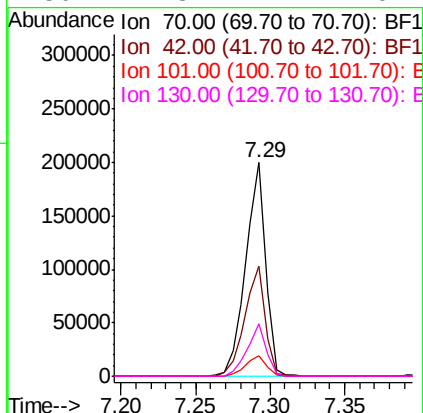




#19
n-Nitroso-di-n-propylamine
Concen: 18.832 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

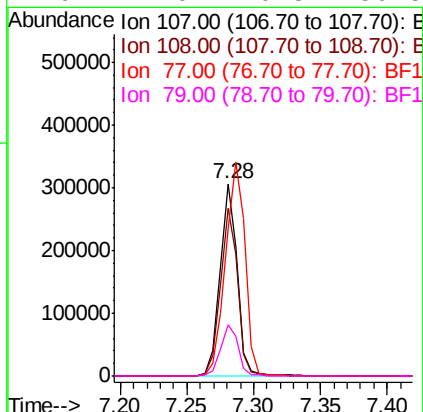
Instrument :
BNA_F
ClientSampleId :

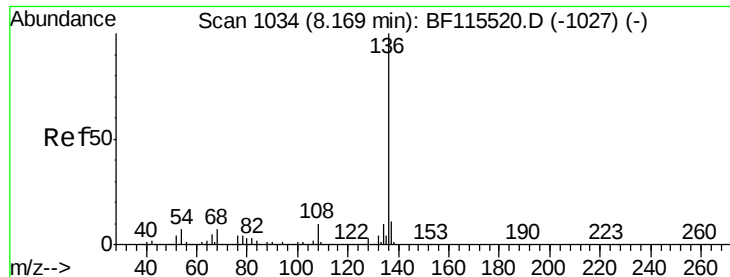
Tot Ion:	70	Resp:	184979
Ion	Ratio	Lower	Upper
70	100		
42	51.3	39.4	59.0
101	9.8	7.4	11.2
130	24.3	17.4	26.2



#20
3+4-Methylphenols
Concen: 21.229 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Tgt Ion:	107	Resp:	276923
Ion	Ratio	Lower	Upper
107	100		
108	87.6	72.9	112.9
77	76.9	77.6	117.6#
79	27.0	10.5	50.5

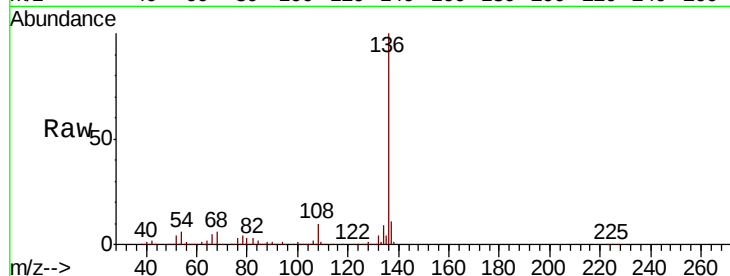




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	739905
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	6.5	5.9 8.9
68	5.9	5.4 8.0



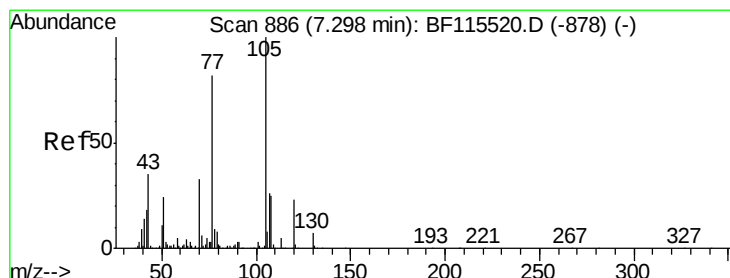
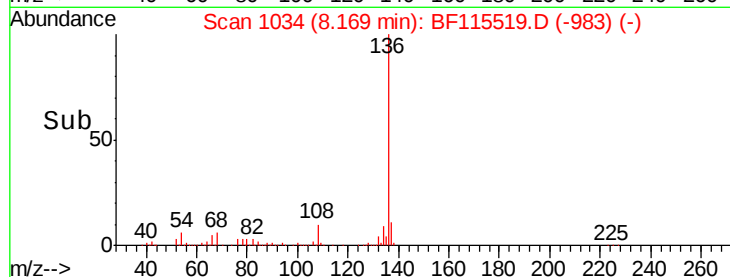
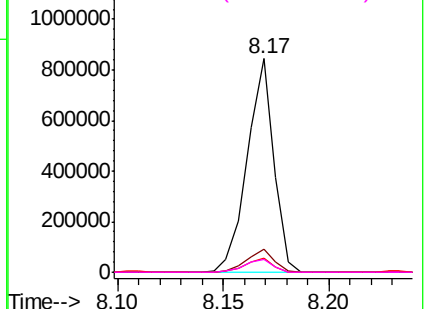
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

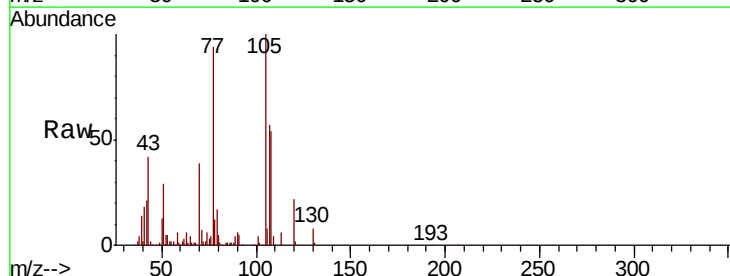
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 20.292 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Tgt Ion:105	Resp:	359774
Ion Ratio	Lower	Upper
105	100	
71	6.8	4.5 6.7#
51	28.8	19.5 29.3
120	21.8	18.1 27.1



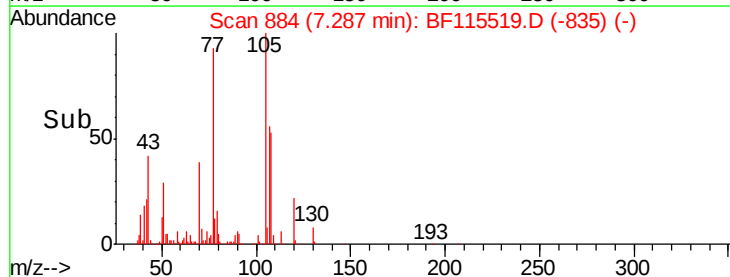
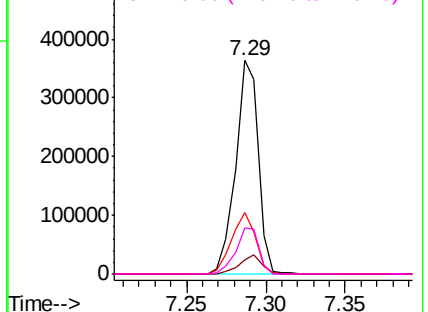
Abundance

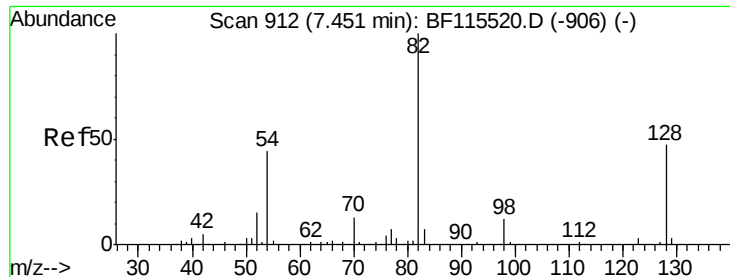
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

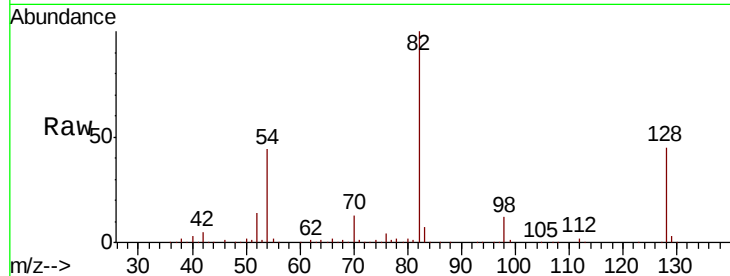




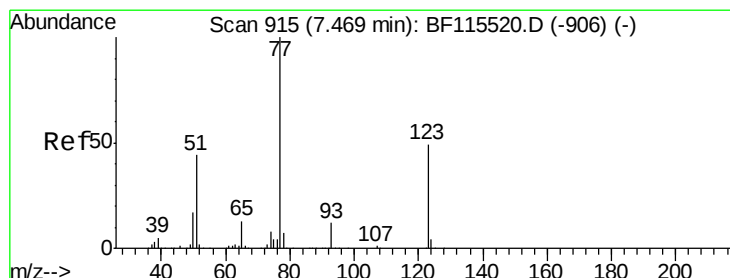
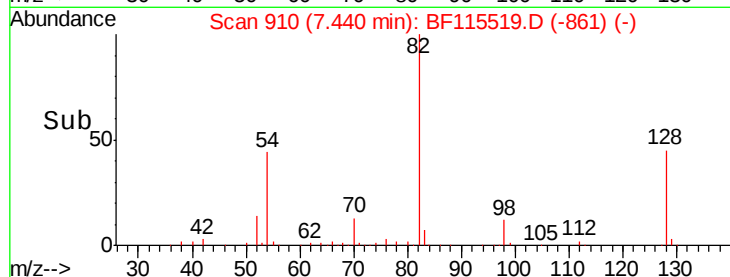
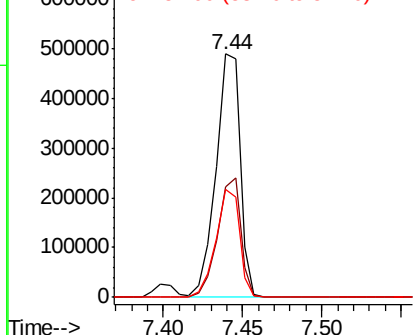
#23
Nitrobenzene-d5
Concen: 41.657 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 521674
Ion Ratio Lower Upper
82 100
128 45.2 37.8 56.8
54 44.2 35.0 52.6

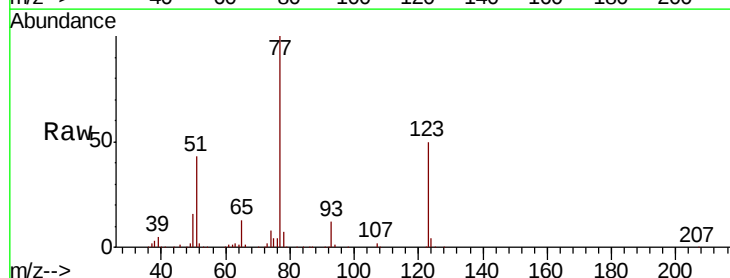


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

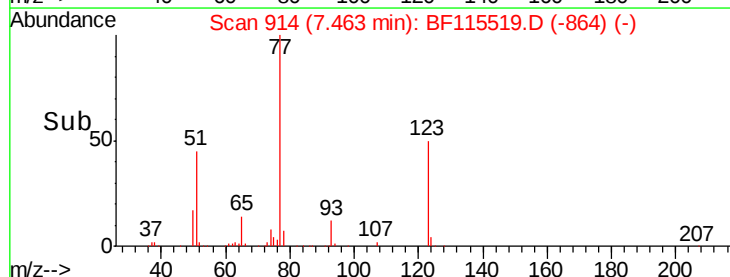
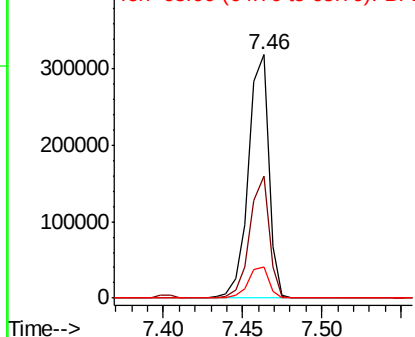


#24
Nitrobenzene
Concen: 20.034 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Tgt Ion: 77 Resp: 283335
Ion Ratio Lower Upper
77 100
123 50.3 39.2 58.8
65 13.0 10.4 15.6



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





#25

Isophorone

Concen: 18.977 ng

RT: 7.70 min Scan# 955

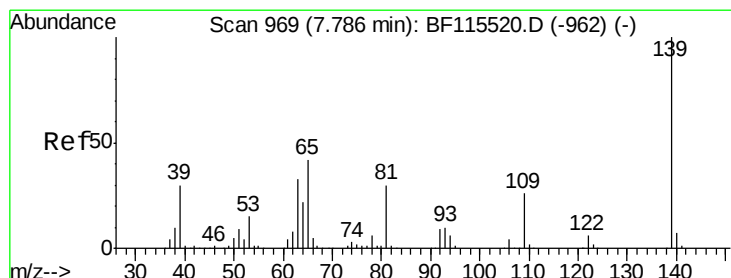
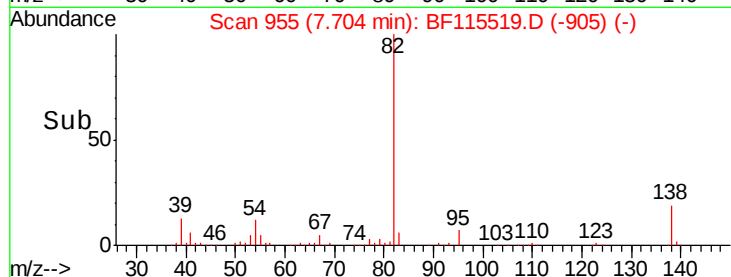
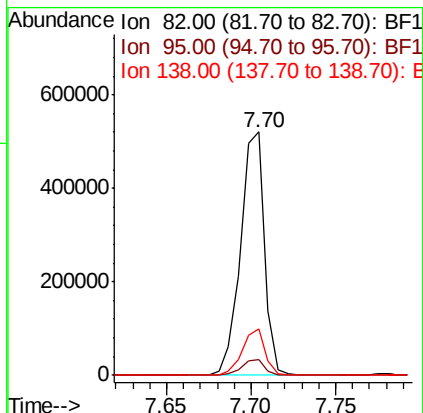
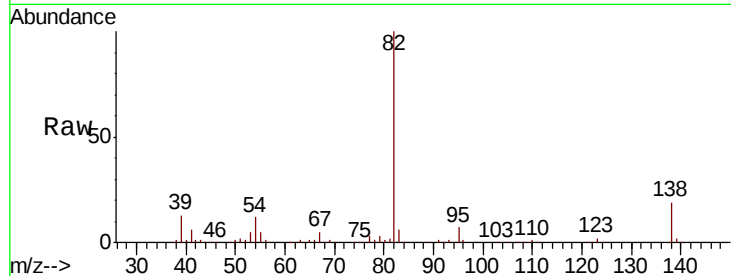
Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	82	Resp:	515103
Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.4	8.2
138	18.9	15.0	22.4



#26

2-Nitrophenol

Concen: 24.276 ng

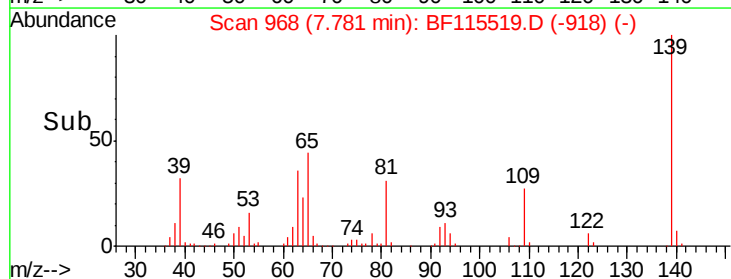
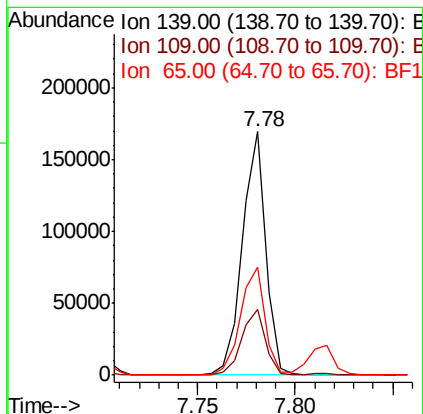
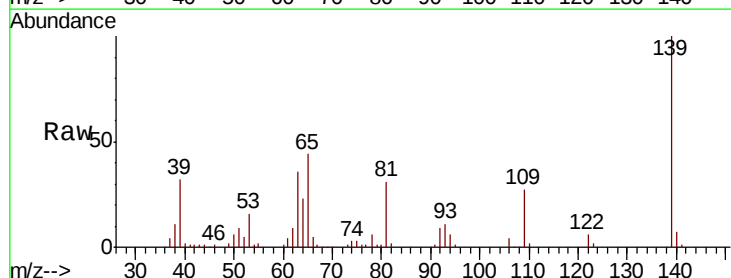
RT: 7.78 min Scan# 968

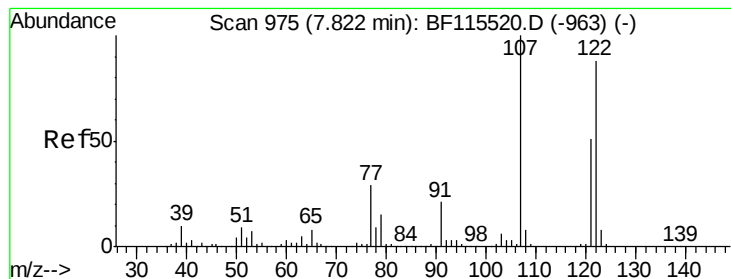
Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

Tgt Ion:	139	Resp:	141155
Ion	Ratio	Lower	Upper
139	100		
109	26.8	21.0	31.4
65	44.4	33.3	49.9





#27

2,4-Dimethylphenol

Concen: 19.070 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

Instrument :

BNA_F

ClientSampleId :

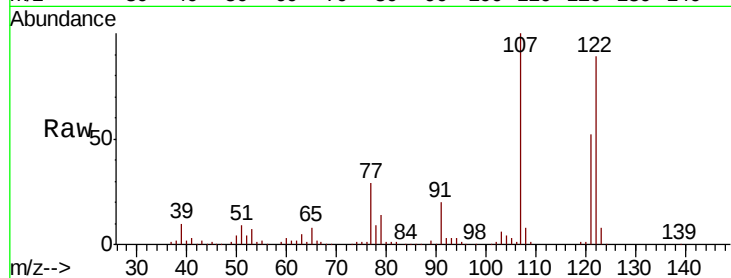
Tot Ion:122 Resp: 211434

Ion Ratio Lower Upper

122 100

107 112.0 90.9 136.3

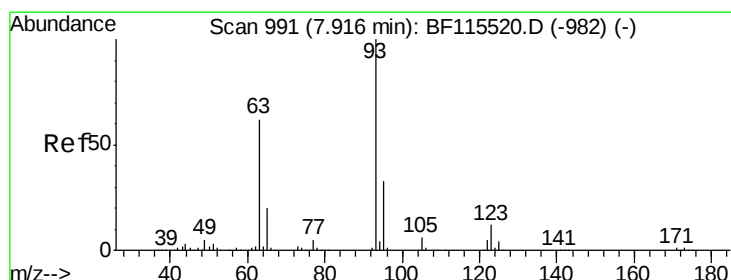
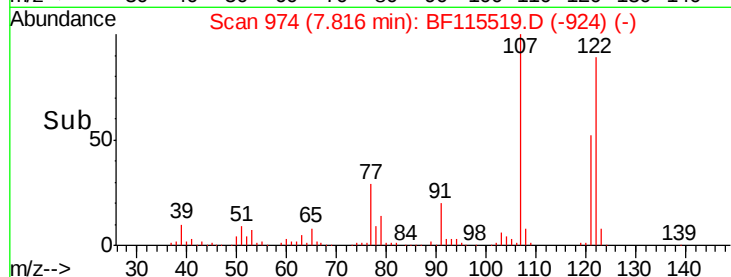
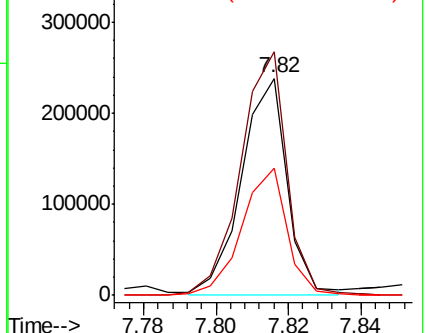
121 58.7 46.7 70.1



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: 19.465 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

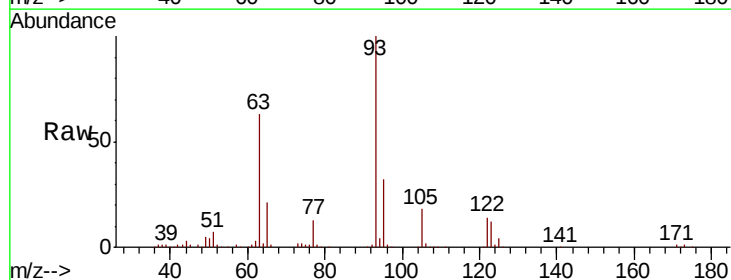
Tgt Ion: 93 Resp: 325806

Ion Ratio Lower Upper

93 100

95 32.2 26.4 39.6

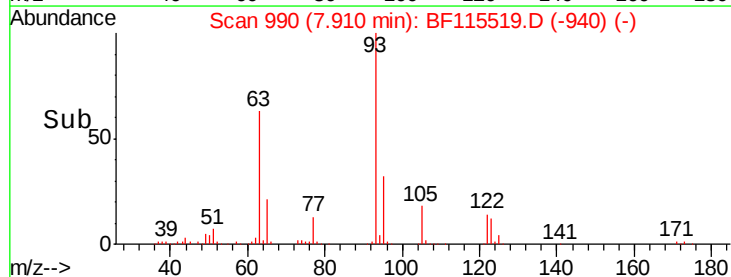
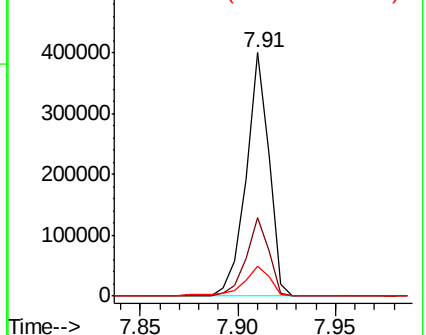
123 12.4 9.7 14.5



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

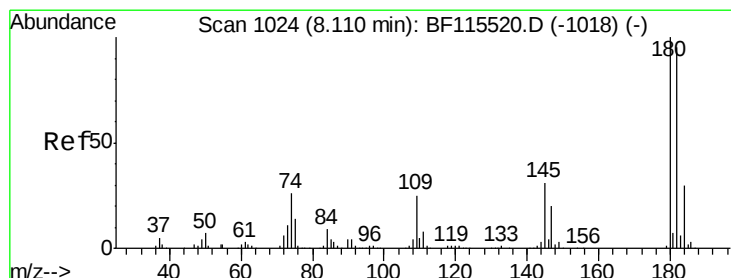
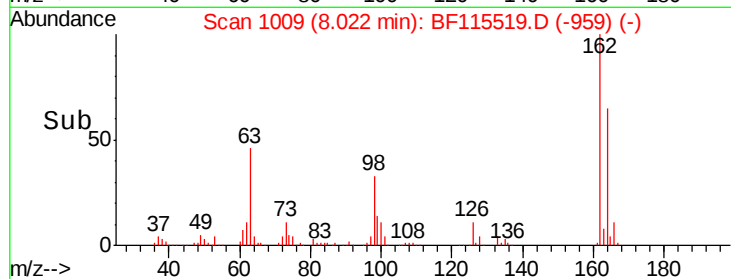
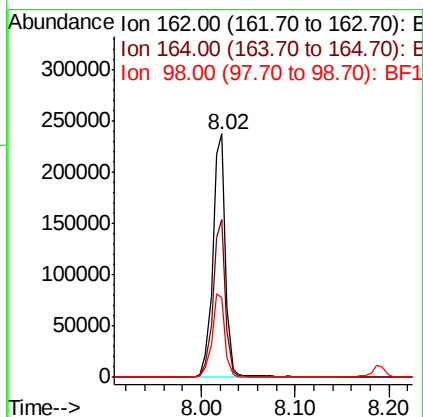
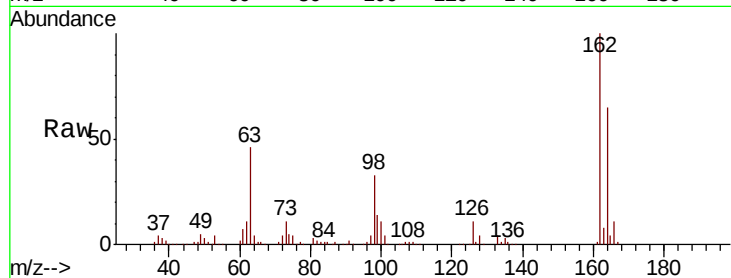




#29
 2,4-Dichlorophenol
 Concen: 20.760 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF115519.D
 Acq: 12 Jul 2019 9:56

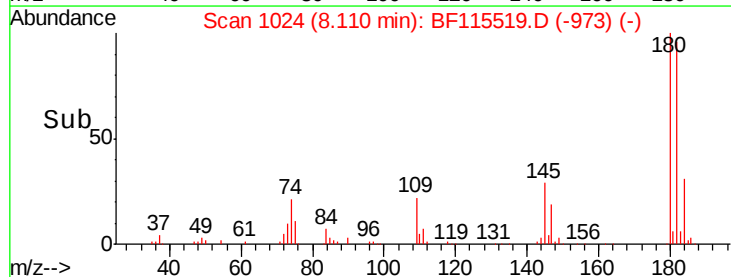
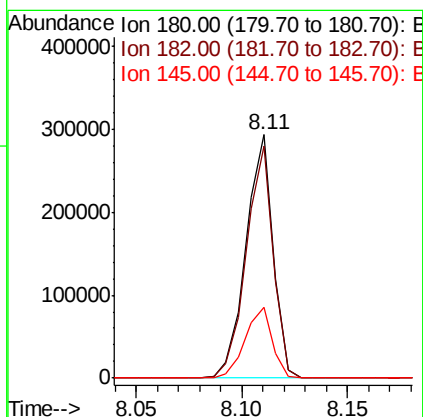
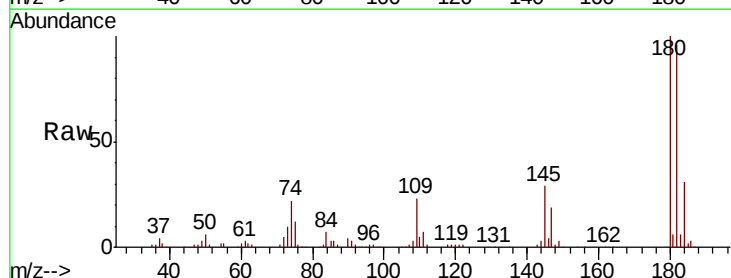
Instrument :
 BNA_F
 ClientSampleId :

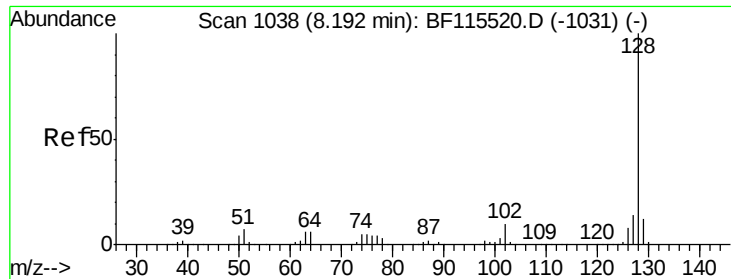
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.4	85.4
98	33.0	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 21.348 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF115519.D
 Acq: 12 Jul 2019 9:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.8	113.8
145	29.1	24.7	37.1

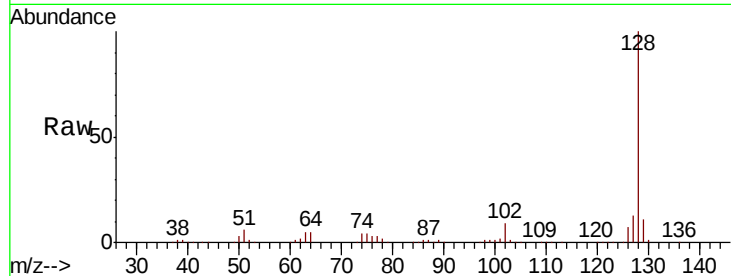




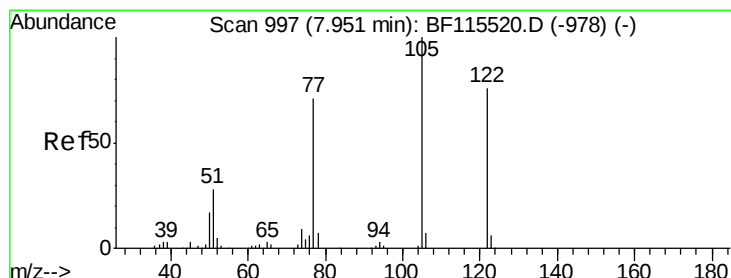
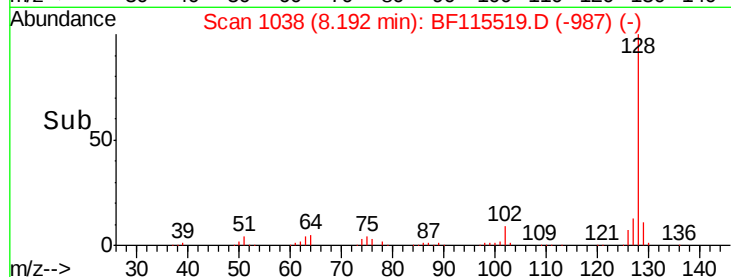
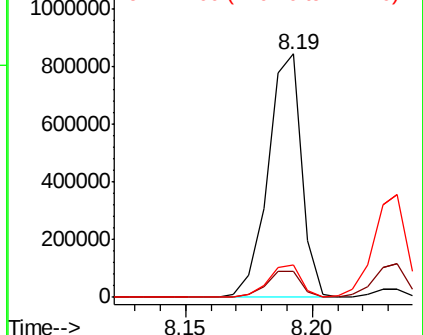
#31
Naphthalene
Concen: 21.404 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 786635
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 13.2 11.2 16.8

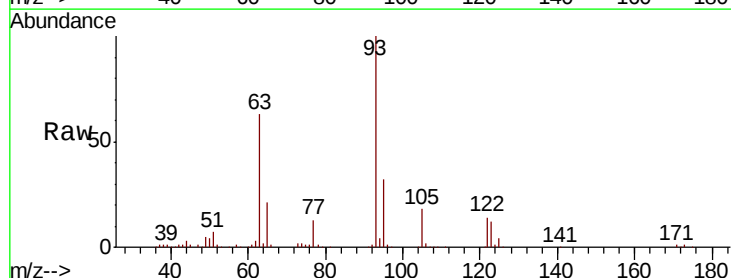


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

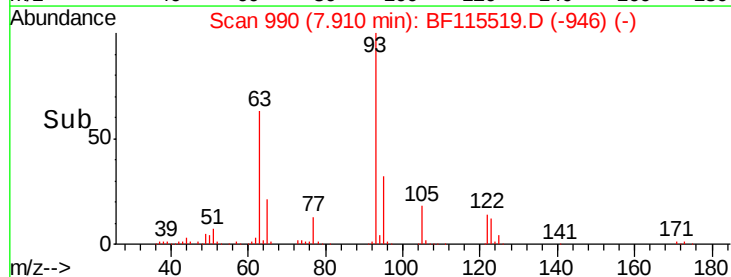
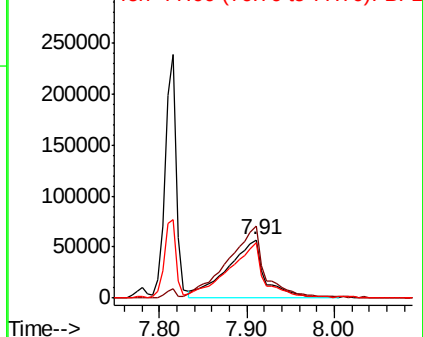


#32
Benzoic acid
Concen: 21.518 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.04 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Tgt Ion:122 Resp: 163017
Ion Ratio Lower Upper
122 100
105 122.8 106.8 146.8
77 94.1 71.7 111.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

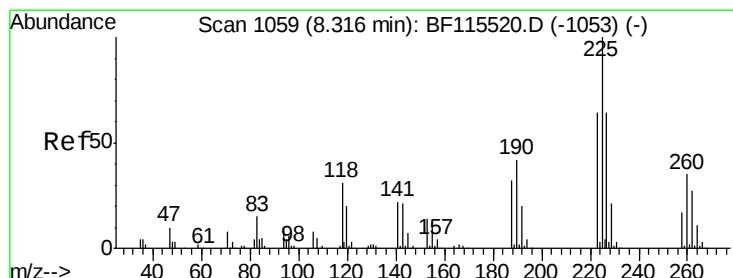
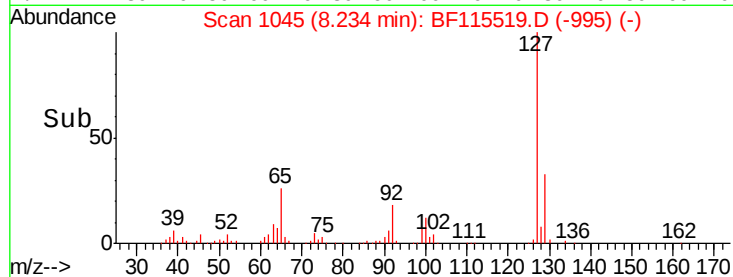
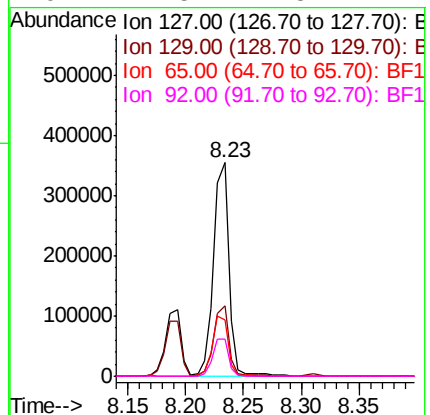
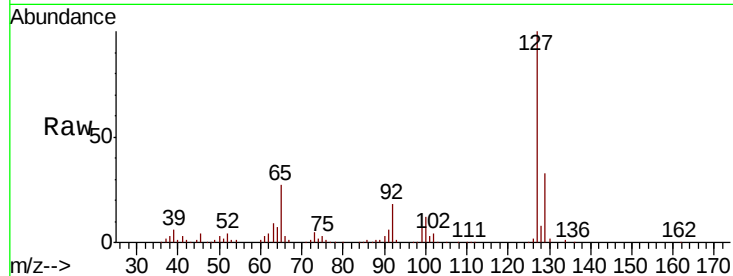




#33
4-Chloroaniline
Concen: 20.453 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

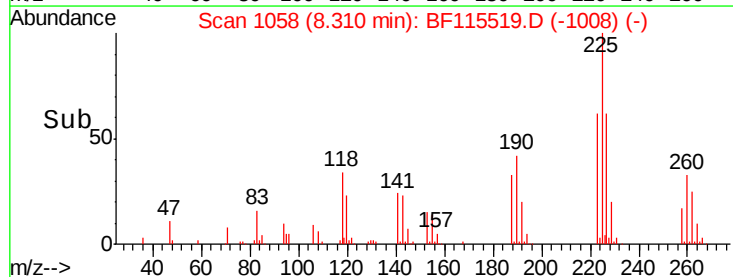
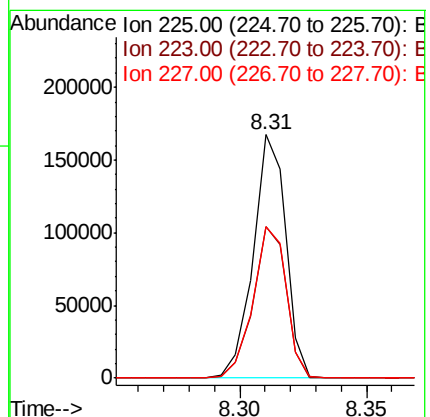
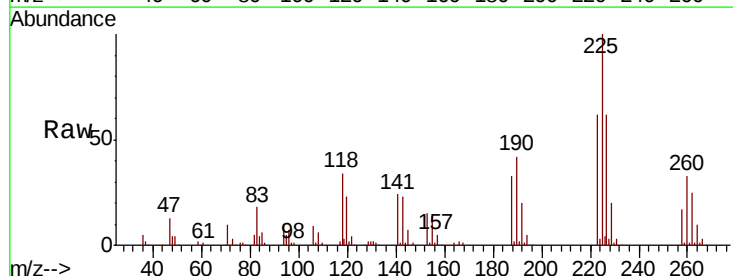
Instrument :
BNA_F
ClientSampled :

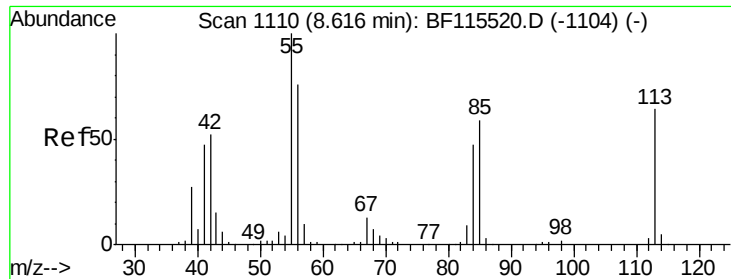
Tot Ion:	127	Resp:	335371
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.4	39.6
65	26.5	21.2	31.8
92	17.5	14.5	21.7



#34
Hexachlorobutadiene
Concen: 21.565 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Tgt Ion:	225	Resp:	150349
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.9	76.3
227	62.2	51.3	76.9

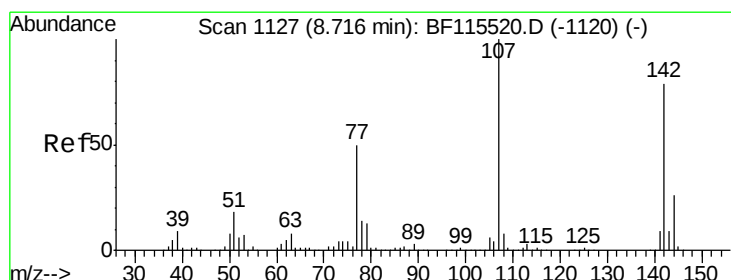
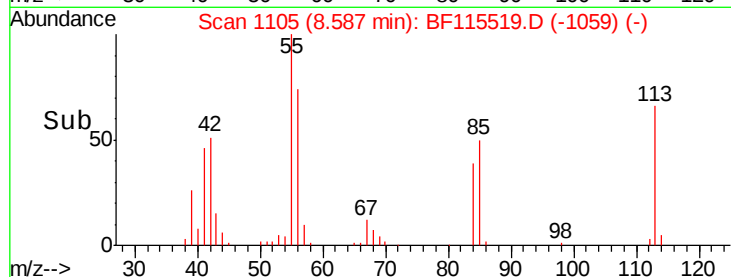
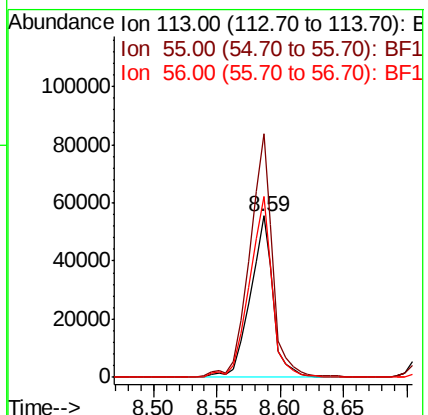
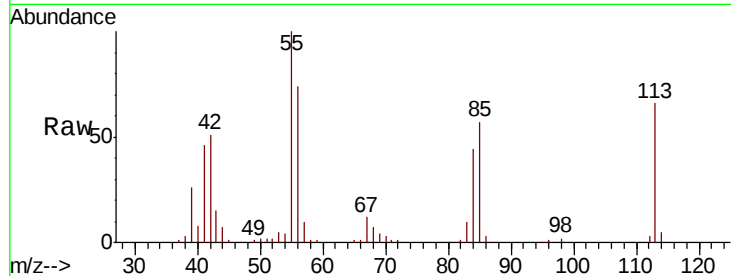




#35
Caprolactam
Concen: 19.348 ng
RT: 8.59 min Scan# 1105
Delta R.T. -0.03 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

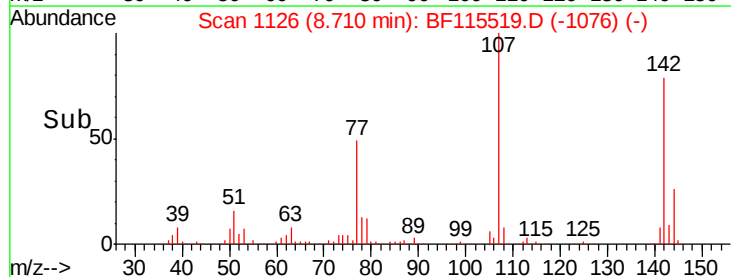
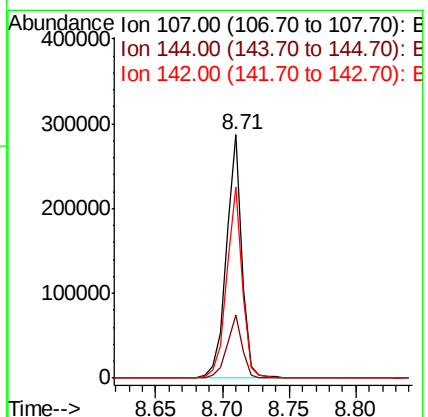
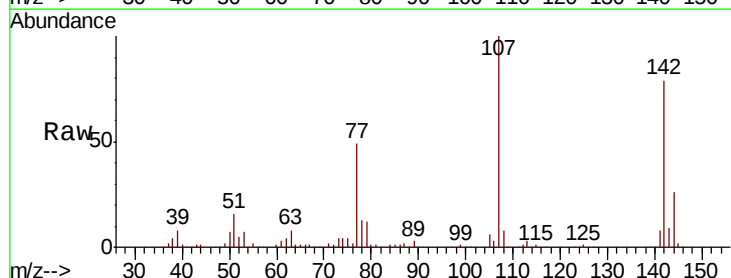
Instrument :
BNA_F
ClientSampleId :

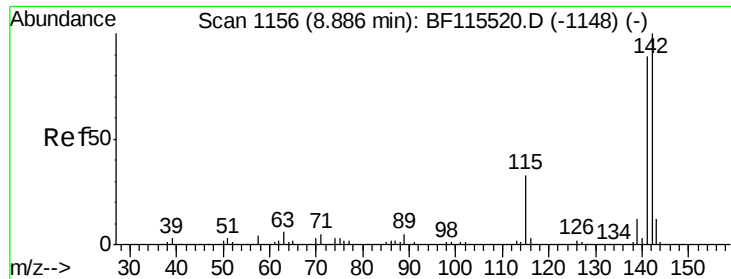
Tot Ion:113 Resp: 69588
Ion Ratio Lower Upper
113 100
55 150.8 136.8 176.8
56 112.2 98.7 138.7



#36
4-Chloro-3-methylphenol
Concen: 20.268 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Tgt Ion:107 Resp: 236747
Ion Ratio Lower Upper
107 100
144 26.1 20.4 30.6
142 78.8 63.5 95.3

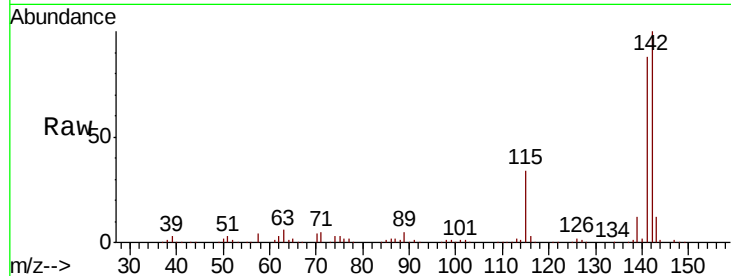




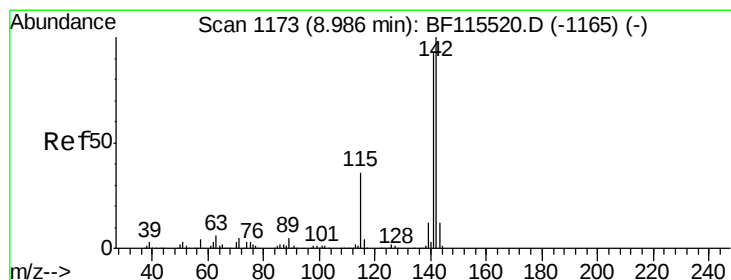
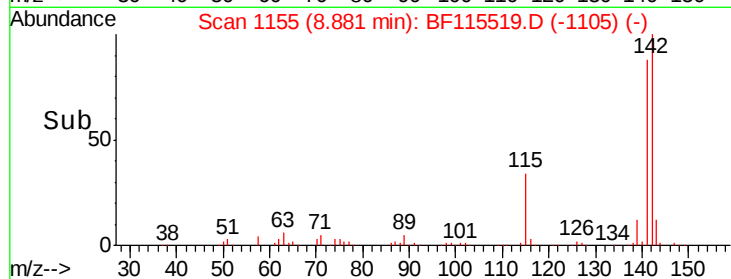
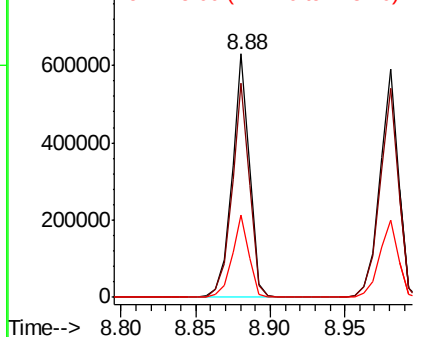
#37
2-Methylnaphthalene
Concen: 21.142 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.0	106.4
115	33.6	26.6	39.8

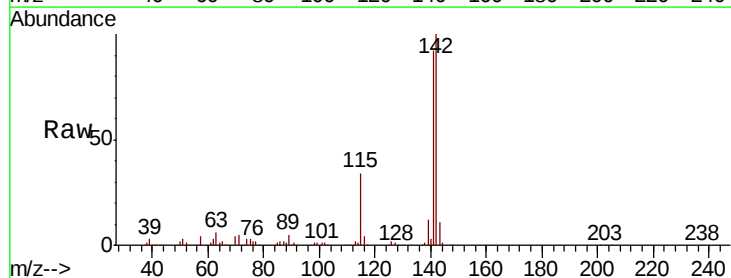


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

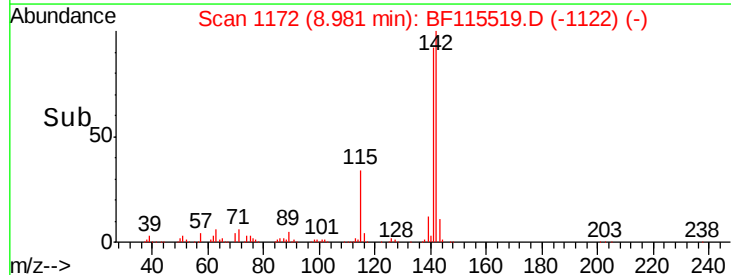
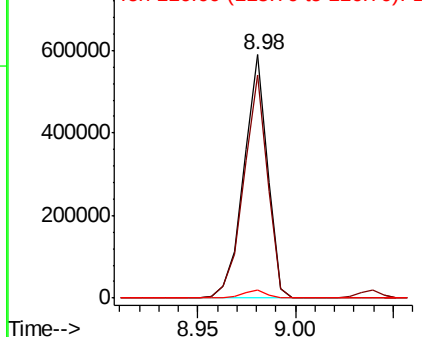


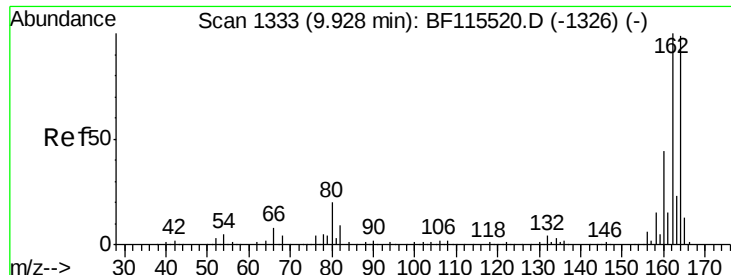
#38
1-Methylnaphthalene
Concen: 21.180 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.6	112.0
116	3.5	2.9	4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

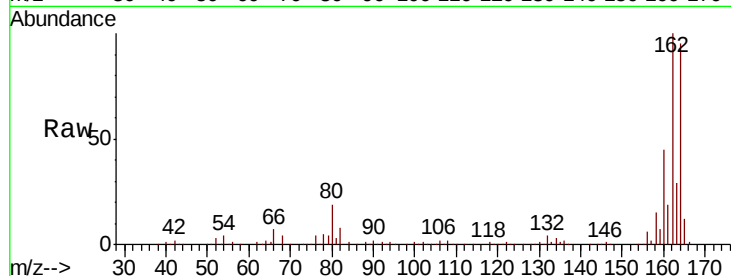




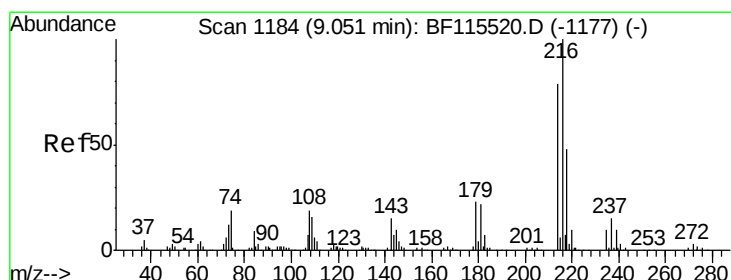
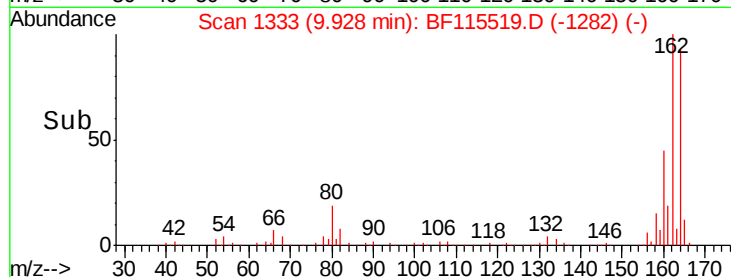
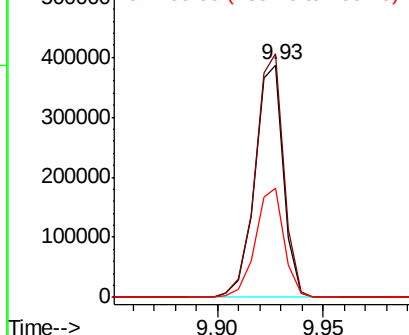
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 363093
Ion Ratio Lower Upper
164 100
162 104.8 80.7 121.1
160 47.1 35.4 53.2

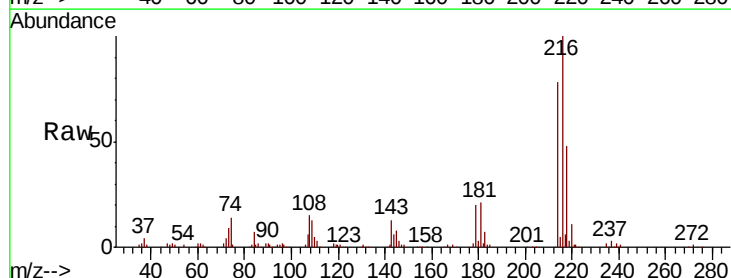


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

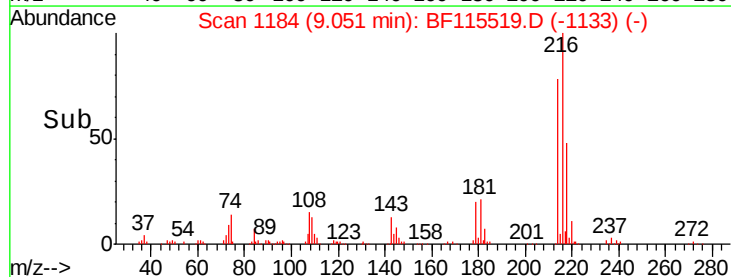
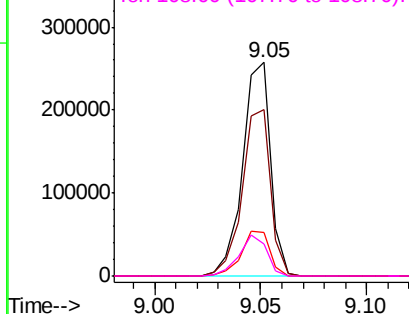


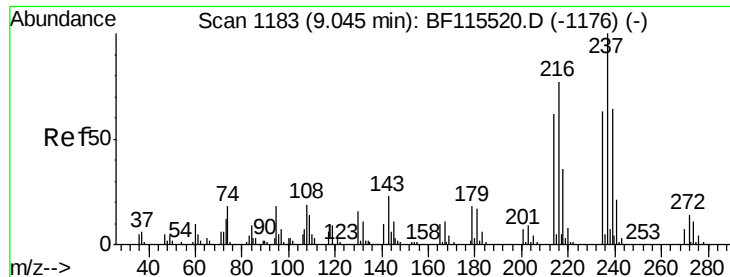
#40
1,2,4,5-Tetrachlorobenzene
Concen: 22.647 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Tgt Ion:216 Resp: 236564
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.6
179 21.4 17.5 26.3
108 19.2 15.4 23.2



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 21.067 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

Instrument :

BNA_F

ClientSampled :

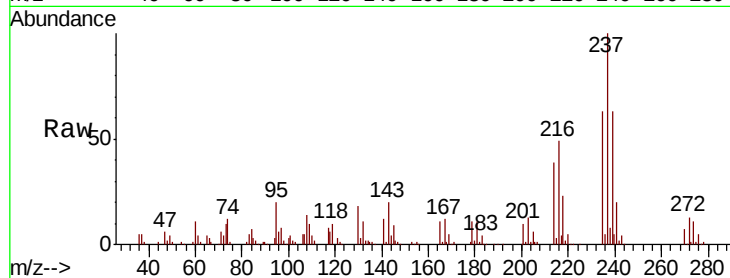
Tot Ion:237 Resp: 127542

Ion Ratio Lower Upper

237 100

235 62.5 42.9 82.9

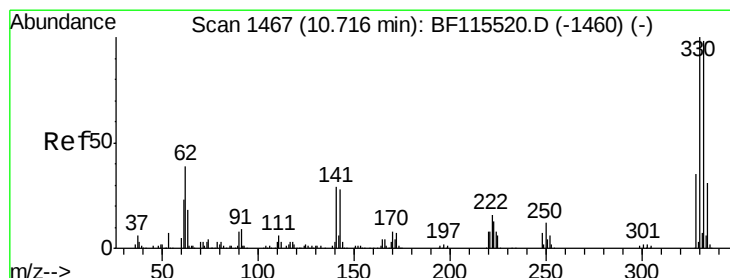
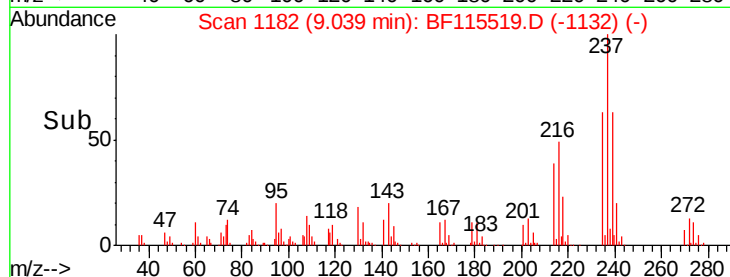
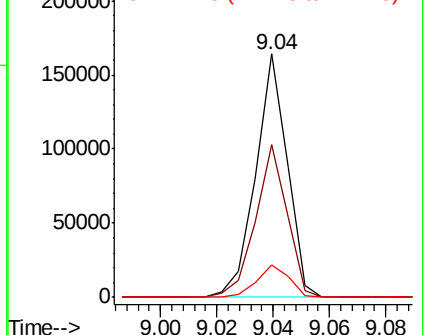
272 13.1 0.0 33.8



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: 45.753 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

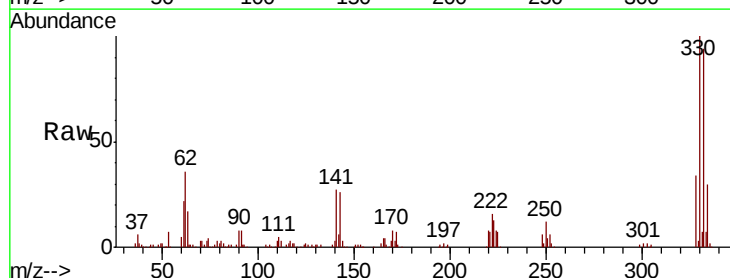
Tgt Ion:330 Resp: 183680

Ion Ratio Lower Upper

330 100

332 94.3 77.8 116.8

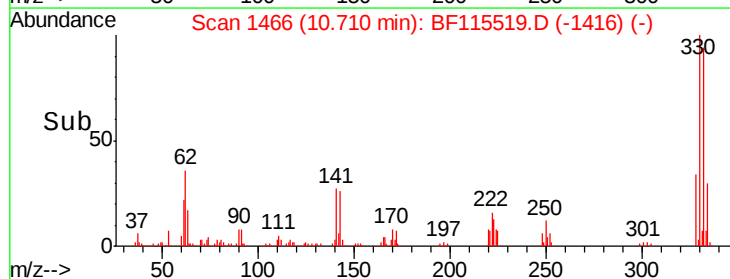
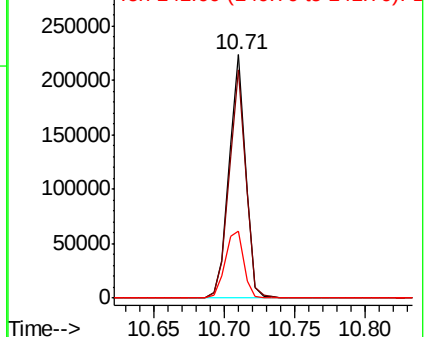
141 30.8 24.6 37.0

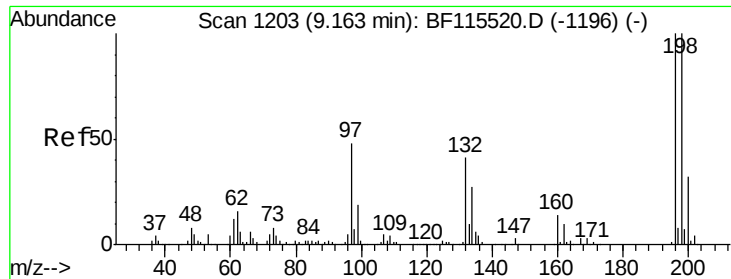


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

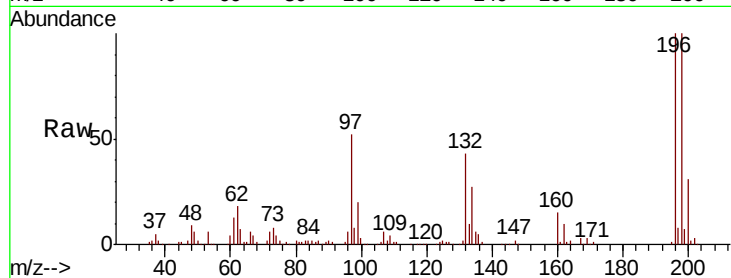




#43
 2,4,6-Trichlorophenol
 Concen: 21.883 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115519.D
 Acq: 12 Jul 2019 9:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	166417
Ion Ratio	Lower	Upper	
196	100		
198	99.7	80.3	120.5
200	31.2	26.0	39.0

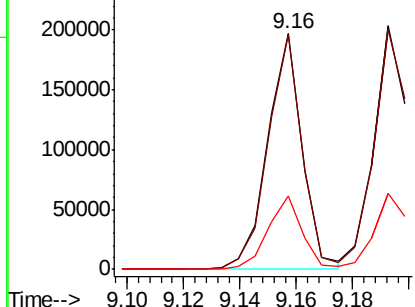
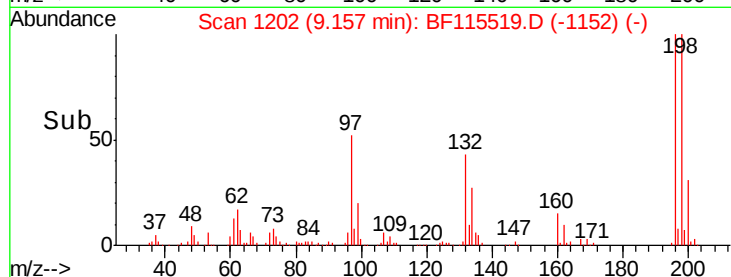


Abundance

Ion 196.00 (195.70 to 196.70): E

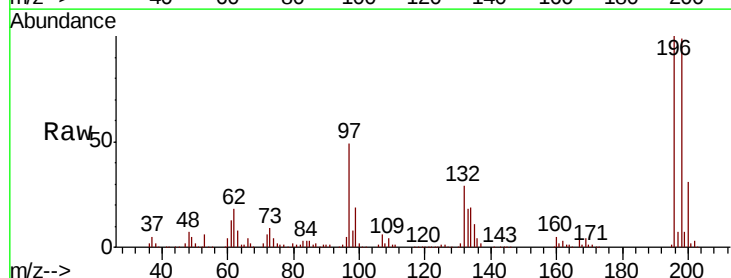
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 21.523 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF115519.D
 Acq: 12 Jul 2019 9:56

Tgt Ion	196	Resp	169720
Ion Ratio	Lower	Upper	
196	100		
198	98.6	78.8	118.2
97	48.7	39.8	59.6
132	29.2	23.0	34.6



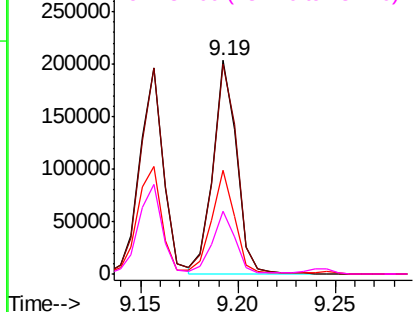
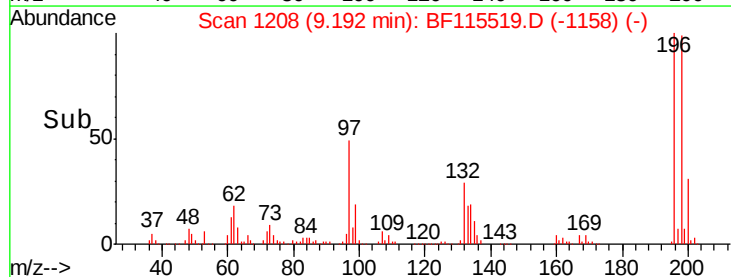
Abundance

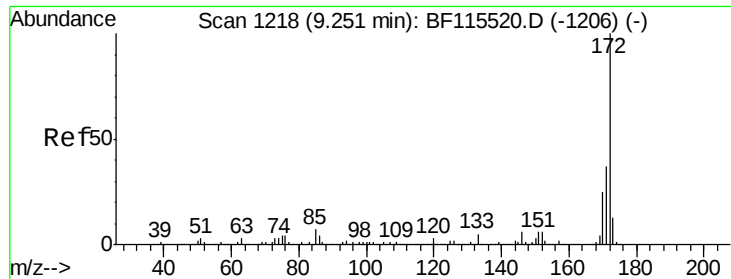
Ion 196.00 (195.70 to 196.70): E

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

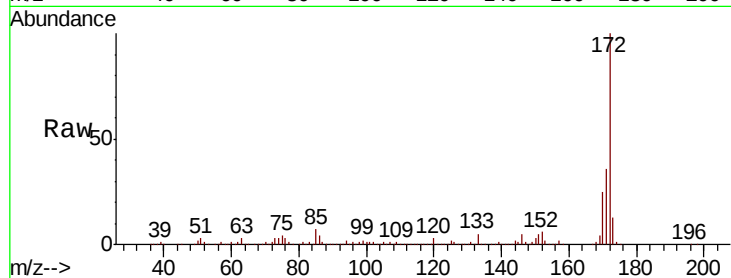




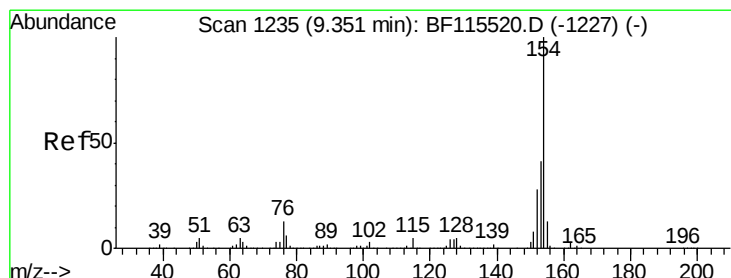
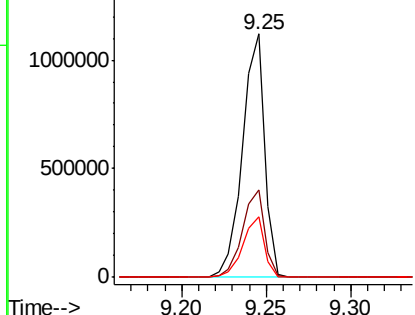
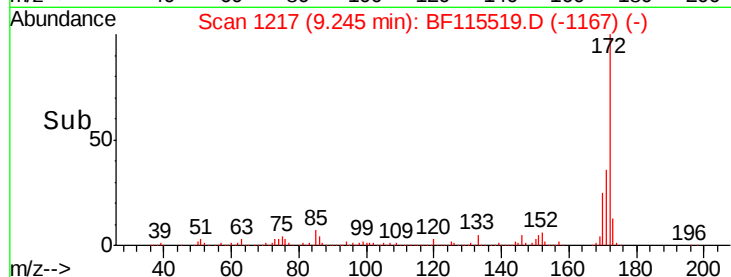
#45
 2-Fluorobiphenyl
 Concen: 49.660 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF115519.D
 Acq: 12 Jul 2019 9:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1027575
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.3 43.9
 170 24.6 20.2 30.4

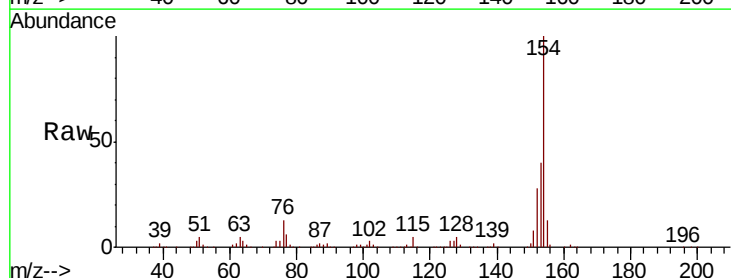


Abundance Ion 172.00 (171.70 to 172.70): E
 1500000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

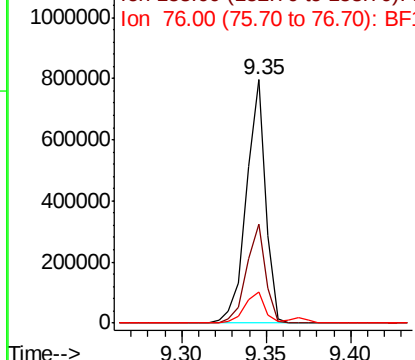
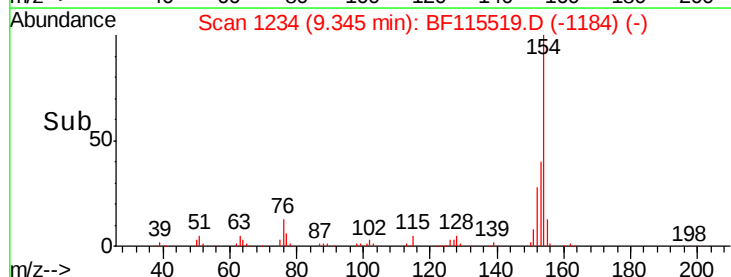


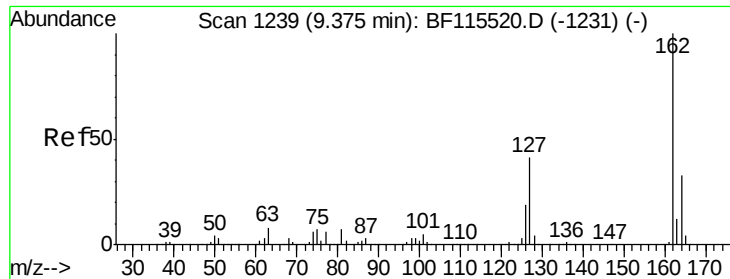
#46
 1,1'-Biphenyl
 Concen: 22.137 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF115519.D
 Acq: 12 Jul 2019 9:56

Tgt Ion:154 Resp: 631888
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.5 61.5
 76 13.0 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E
 1000000 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

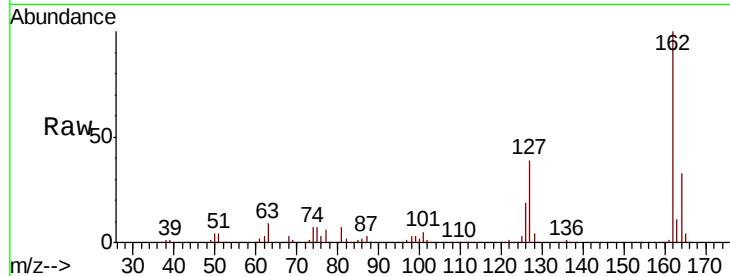




#47
 2-Chloronaphthalene
 Concen: 21.884 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115519.D
 Acq: 12 Jul 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	33.0	49.4
164	32.8	26.7	40.1

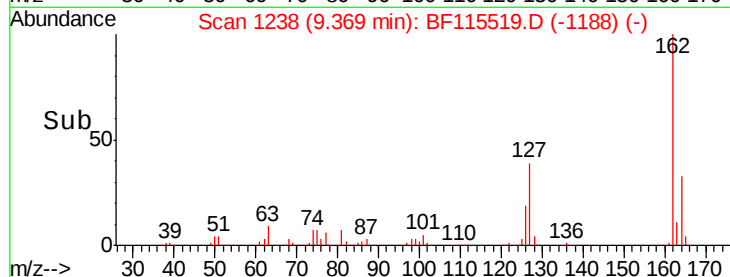
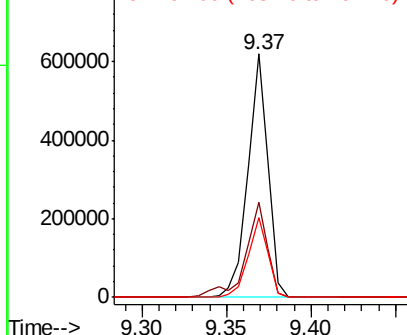


Abundance

Ion 162.00 (161.70 to 162.70): E

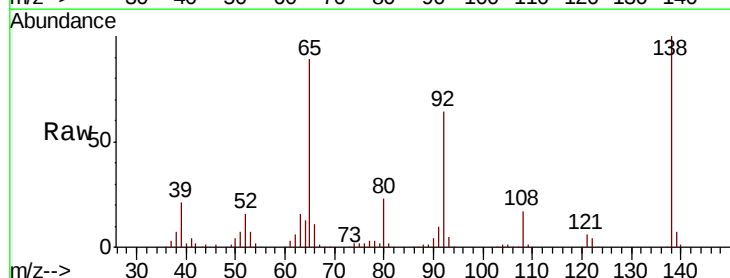
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 21.544 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115519.D
 Acq: 12 Jul 2019 9:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	56.8	85.2
138	112.5	91.6	137.4

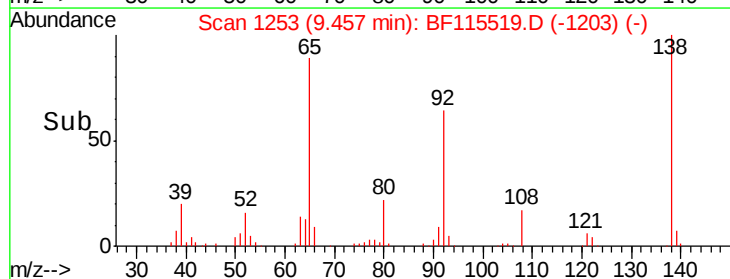
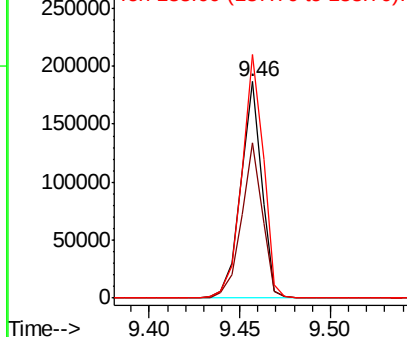


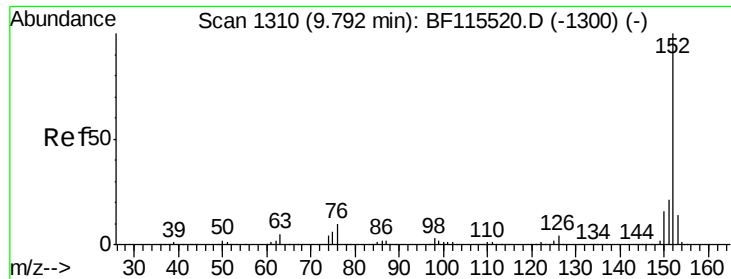
Abundance

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: 21.810 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

Instrument :

BNA_F

ClientSampleId :

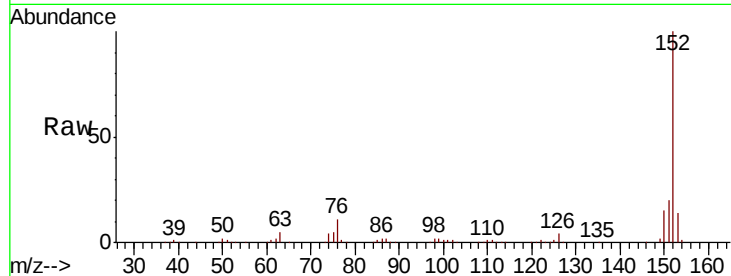
Tot Ion:152 Resp: 779015

Ion Ratio Lower Upper

152 100

151 20.5 17.1 25.7

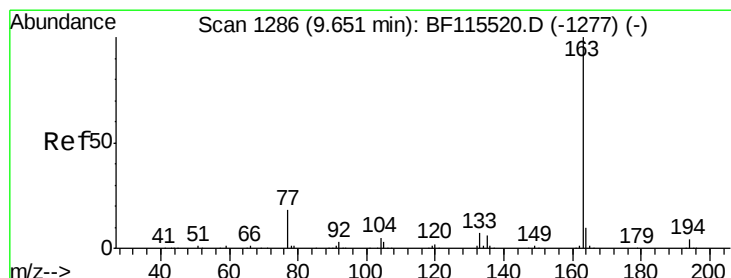
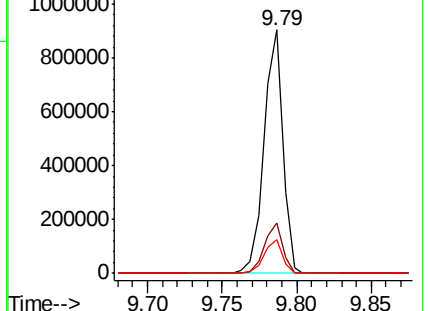
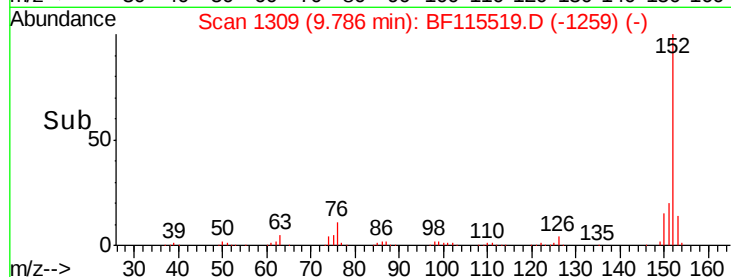
153 14.0 11.4 17.0



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: 21.244 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

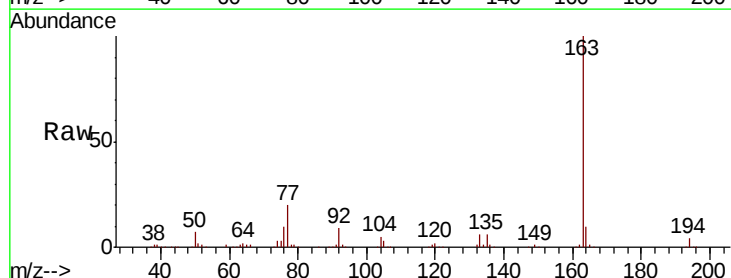
Tgt Ion:163 Resp: 578953

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

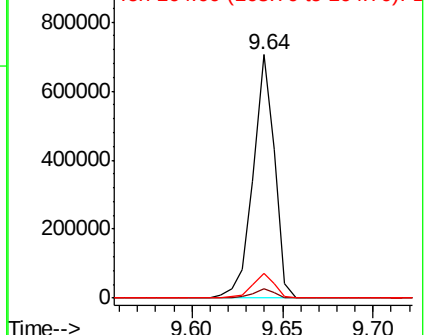
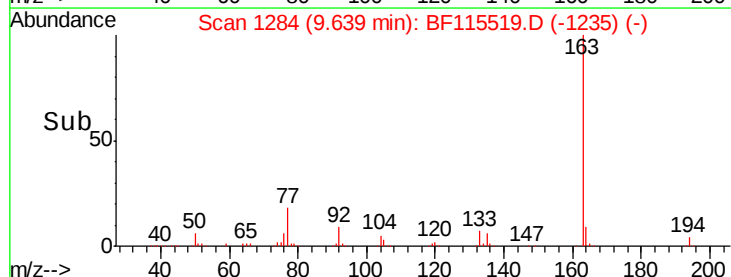
164 10.1 8.4 12.6

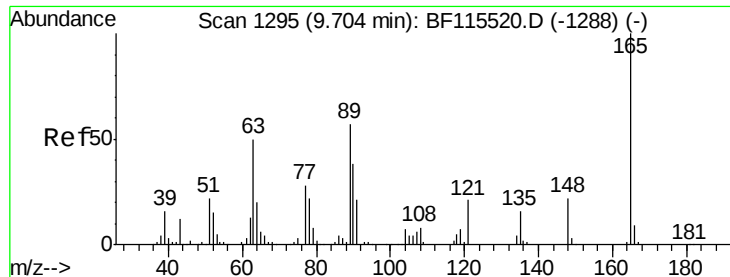


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

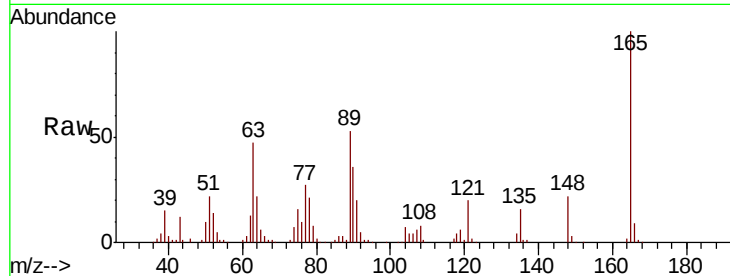




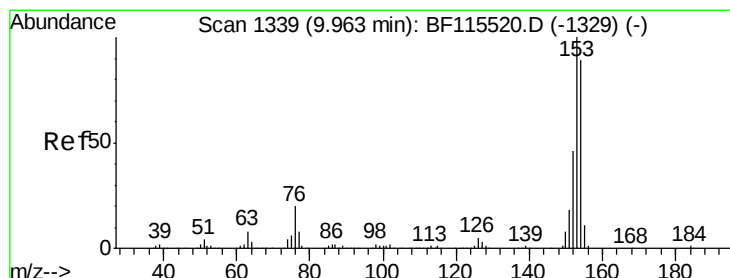
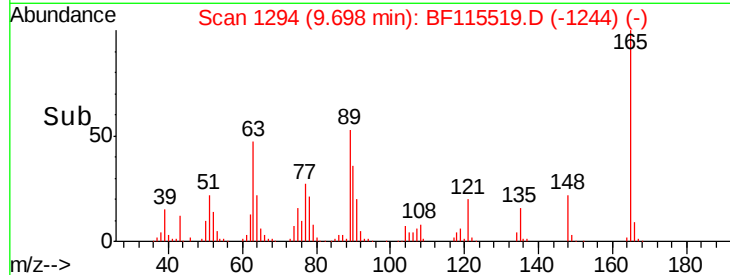
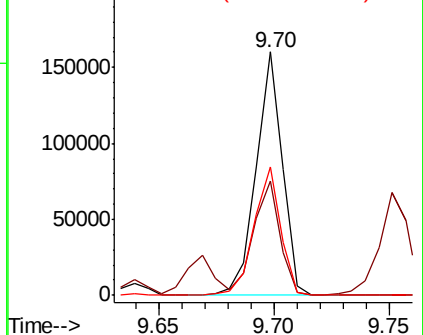
#51
2,6-Dinitrotoluene
Concen: 21.540 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.2	42.6	63.8
89	53.0	45.2	67.8

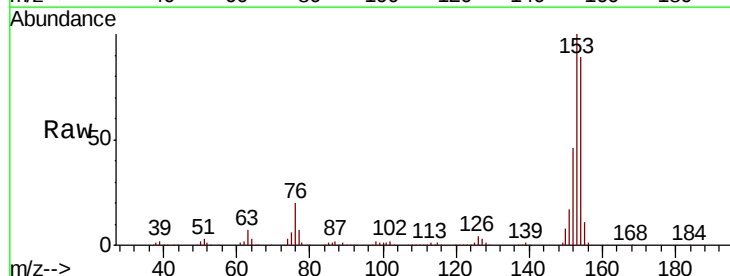


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

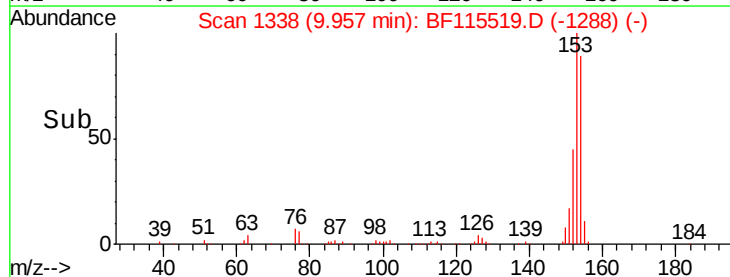
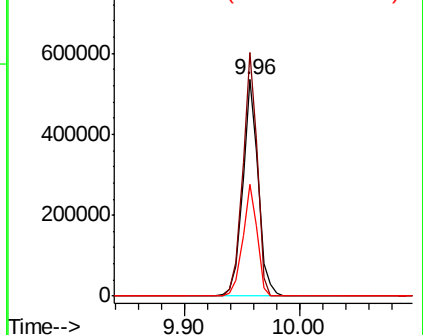


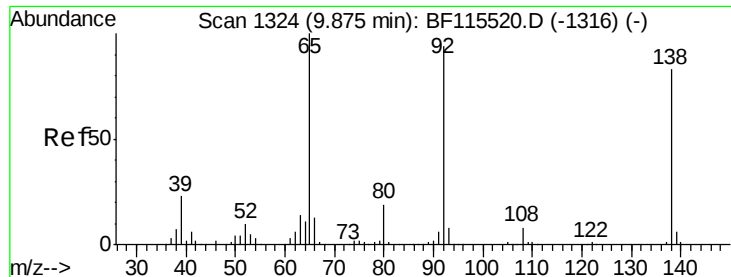
#52
Acenaphthene
Concen: 22.073 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.8	134.8
152	51.9	41.7	62.5



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

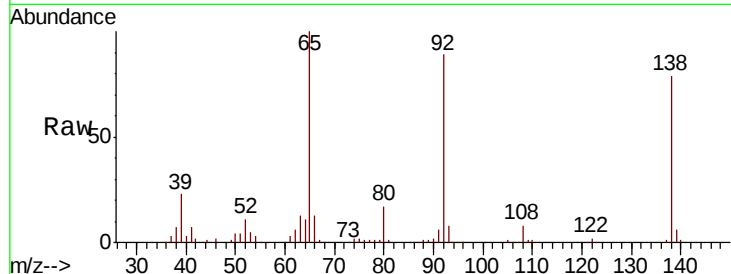




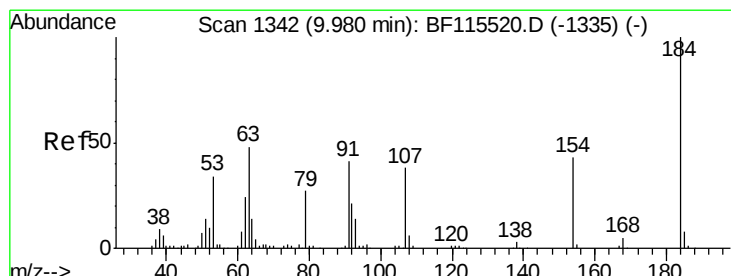
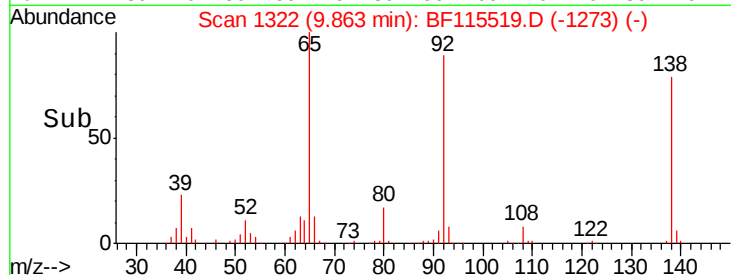
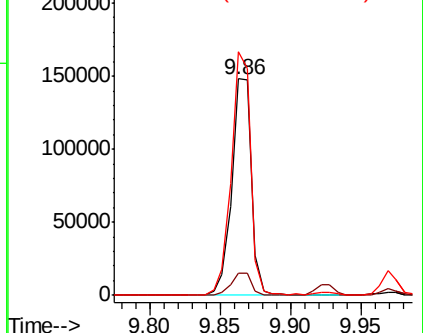
#53
3-Nitroaniline
Concen: 21.015 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 144264
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 112.6 90.0 135.0

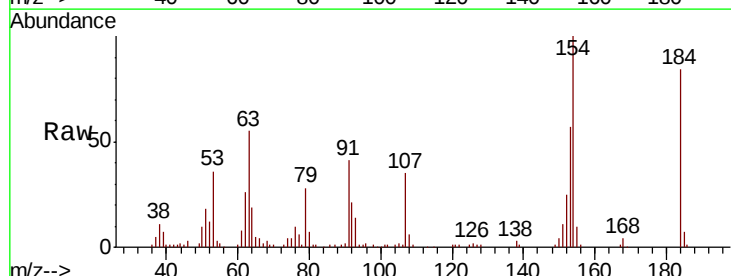


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

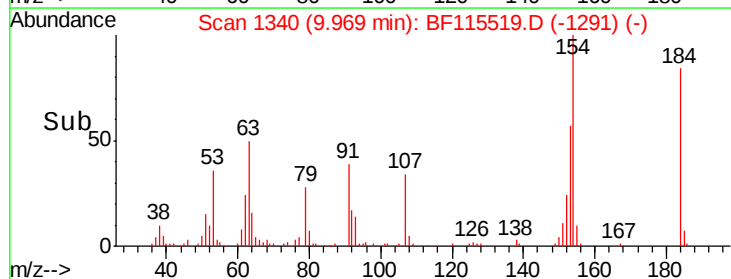
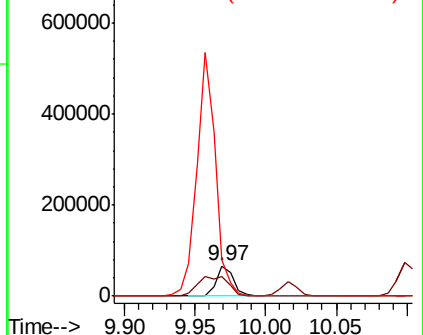


#54
2,4-Dinitrophenol
Concen: 27.811 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Tgt Ion:184 Resp: 57517
Ion Ratio Lower Upper
184 100
63 65.6 39.8 59.6#
154 119.7 46.8 70.2#



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

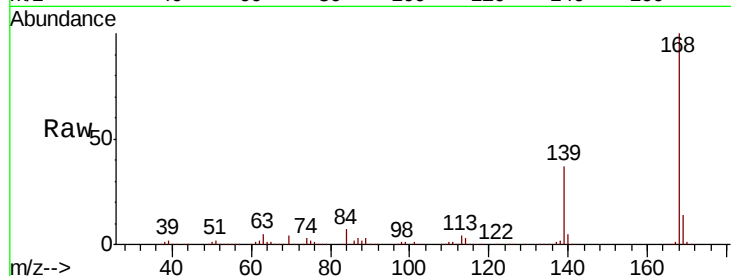




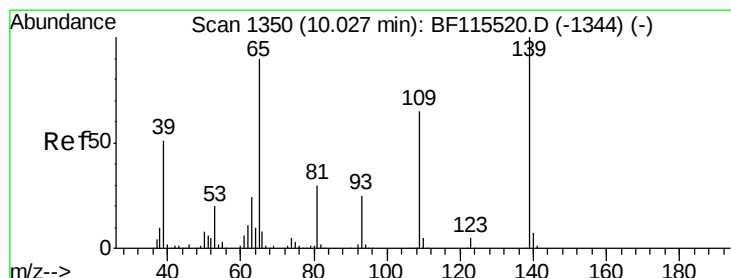
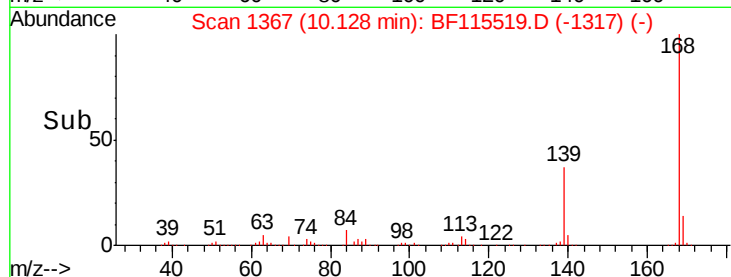
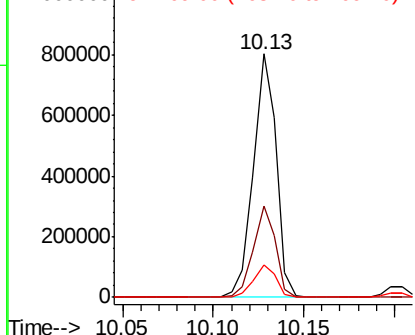
#55
Dibenzenofuran
Concen: 22.118 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 700398
Ion Ratio Lower Upper
168 100
139 37.3 31.1 46.7
169 13.5 11.1 16.7

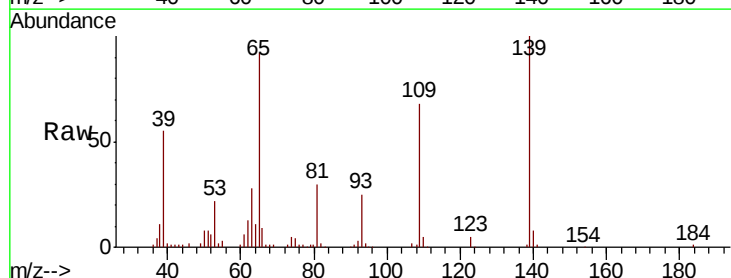


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

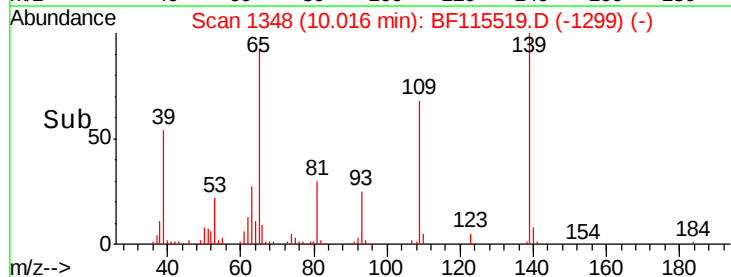
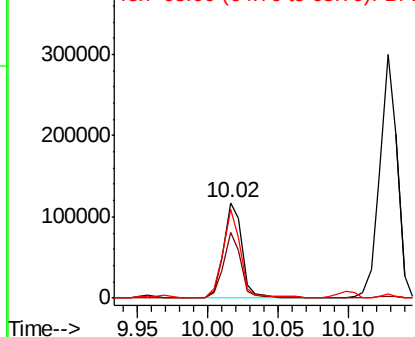


#56
4-Nitrophenol
Concen: 20.578 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Tgt Ion:139 Resp: 109292
Ion Ratio Lower Upper
139 100
109 68.0 45.5 85.5
65 92.4 70.7 110.7



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

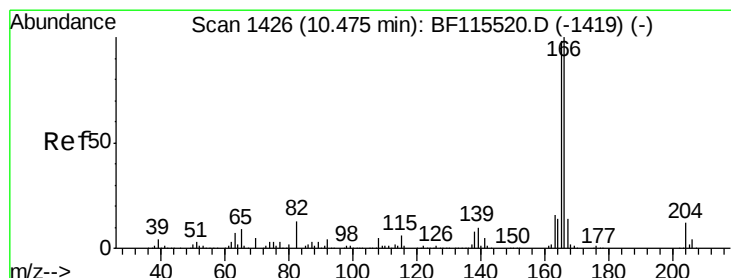
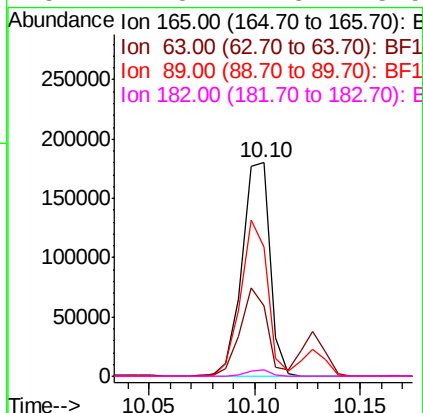
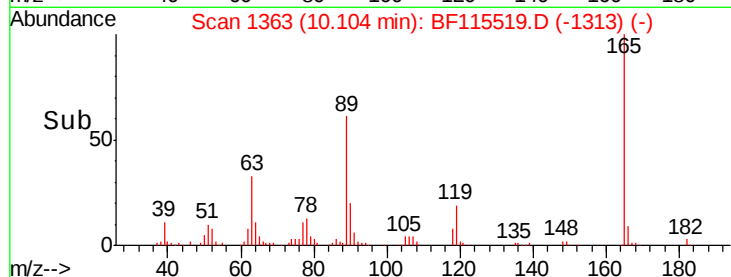
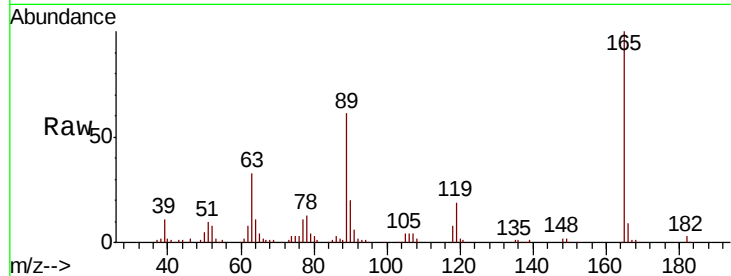




#57
 2,4-Dinitrotoluene
 Concen: 22.140 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF115519.D
 Acq: 12 Jul 2019 9:56

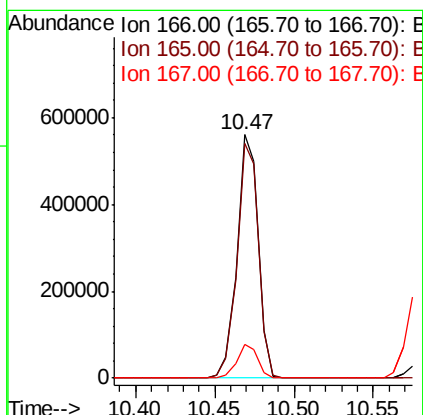
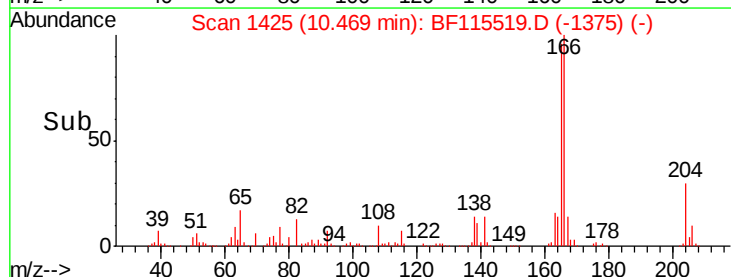
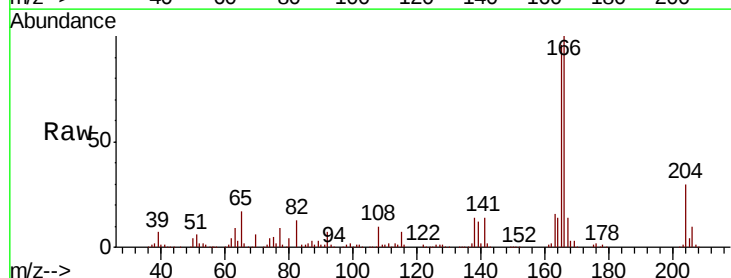
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	165	Resp:	166303
Ion	Ratio	Lower	Upper
165	100		
63	32.9	31.0	46.4
89	60.8	55.3	82.9
182	2.8	2.3	3.5



#58
 Fluorene
 Concen: 20.710 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF115519.D
 Acq: 12 Jul 2019 9:56

Tgt Ion:	166	Resp:	516977
Ion	Ratio	Lower	Upper
166	100		
165	96.4	78.7	118.1
167	13.8	11.2	16.8

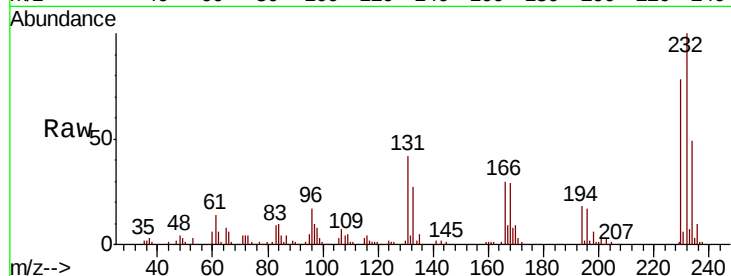




#59
2,3,4,6-Tetrachlorophenol
Concen: 21.491 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	35.6	53.4
130	2.1	1.7	2.5
166	30.5	24.5	36.7



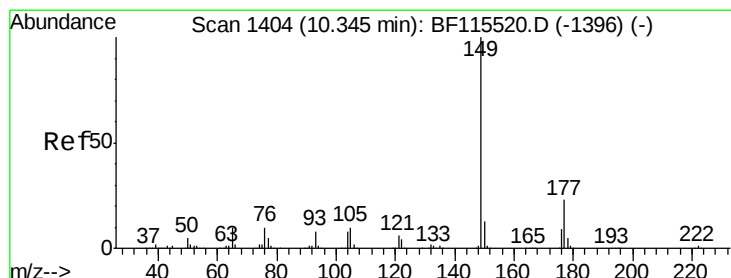
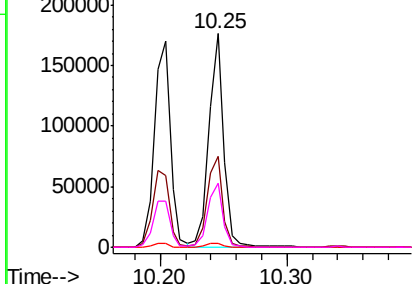
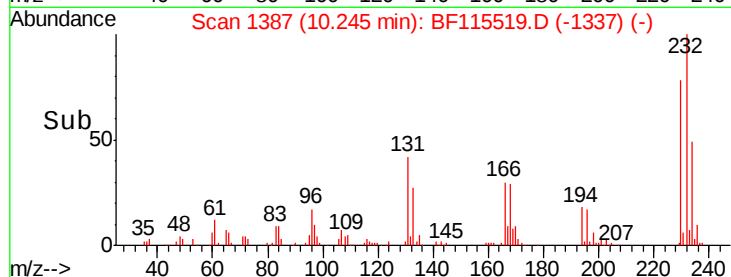
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

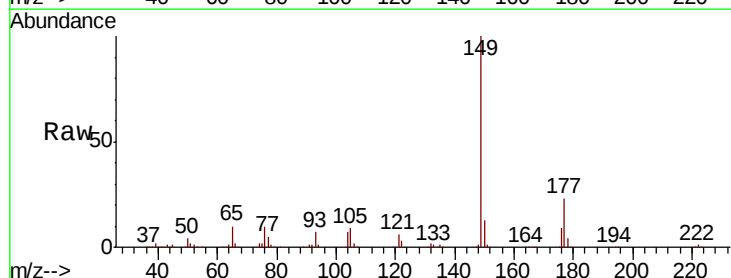
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 20.594 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.7	28.1
150	13.0	10.3	15.5

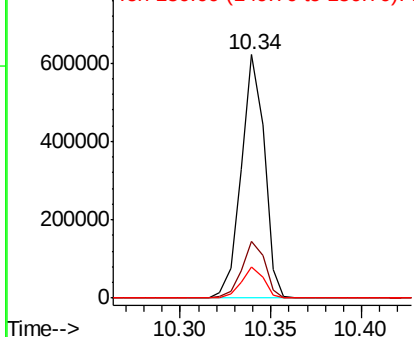
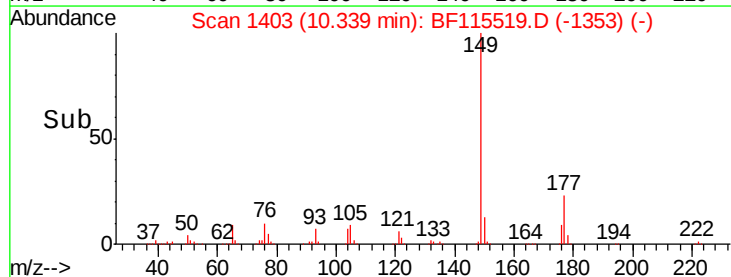


Abundance

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

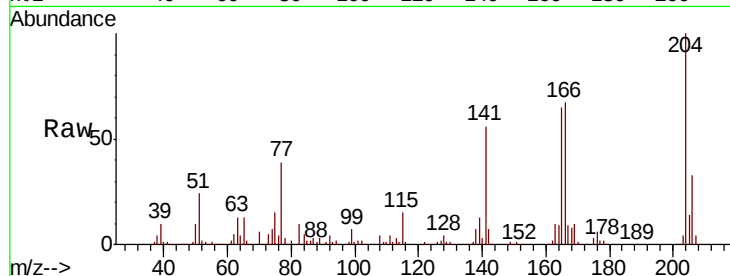




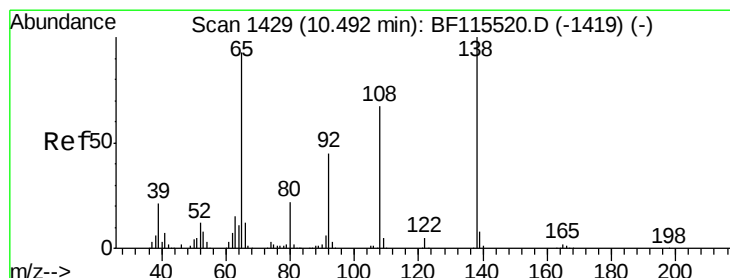
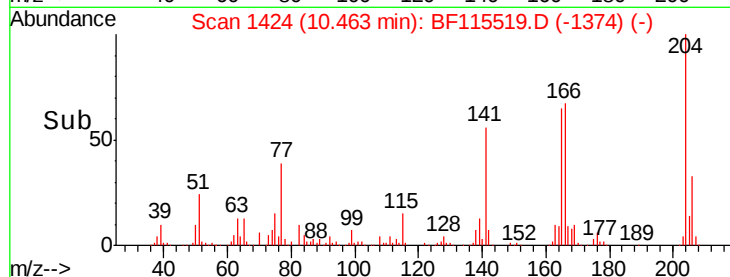
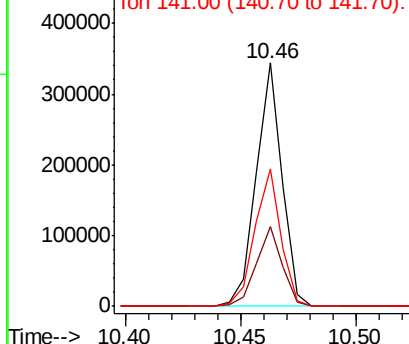
#61
 4-Chlorophenyl-phenylether
 Concen: 22.118 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115519.D
 Acq: 12 Jul 2019 9:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.7	40.1
141	56.4	44.2	66.2

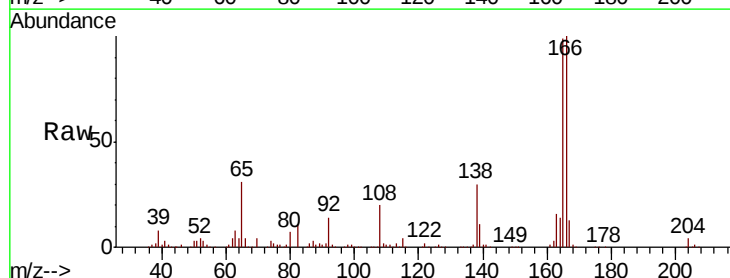


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

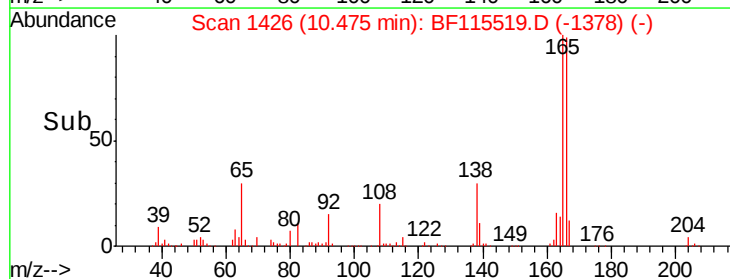
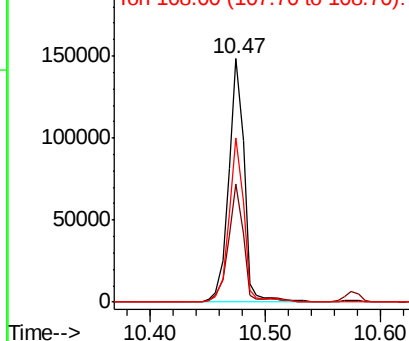


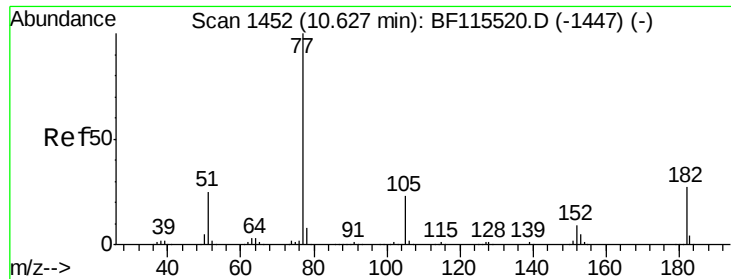
#62
 4-Nitroaniline
 Concen: 20.463 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF115519.D
 Acq: 12 Jul 2019 9:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	25.1	65.1
108	67.4	46.7	86.7



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: 19.605 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 542111

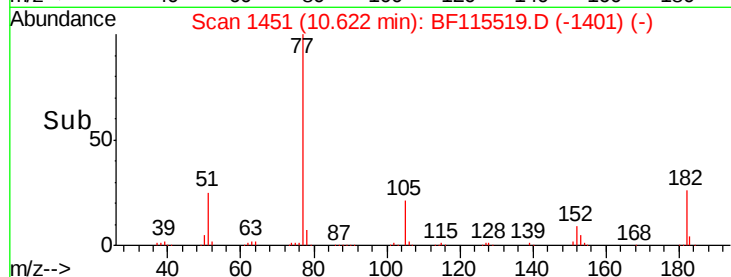
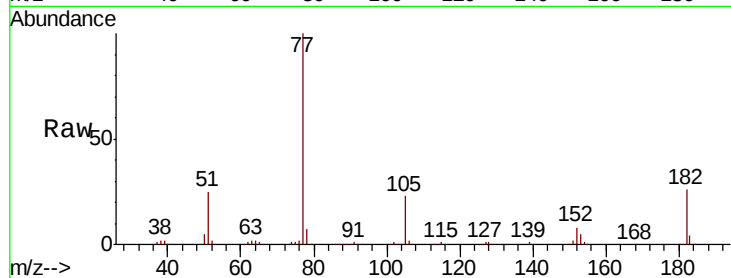
Ion Ratio Lower Upper

77 100

182 25.7 6.6 46.6

105 22.6 3.2 43.2

51 25.3 5.4 45.4

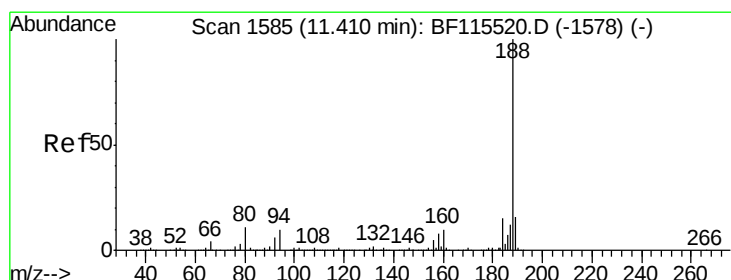
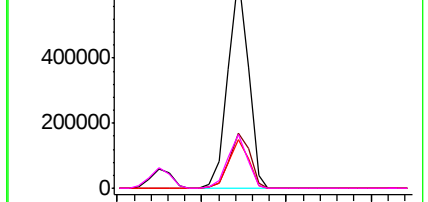


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

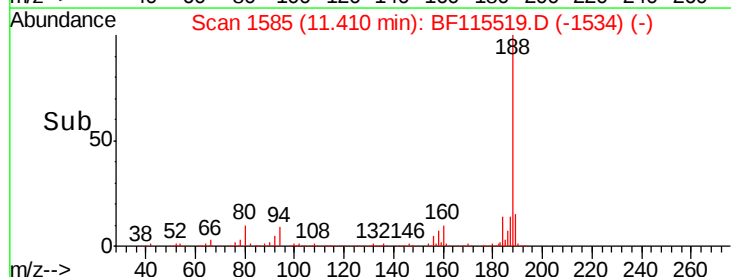
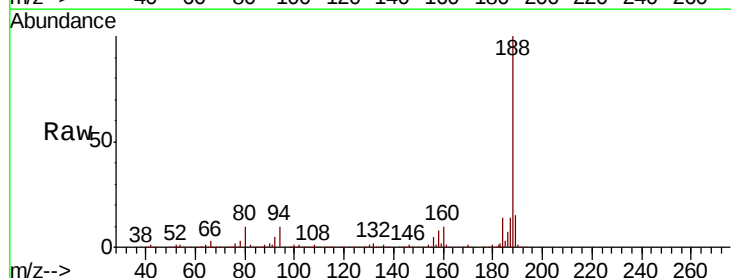
Tgt Ion: 188 Resp: 690228

Ion Ratio Lower Upper

188 100

94 9.6 8.3 12.5

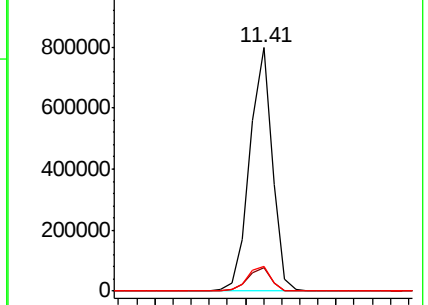
80 10.3 9.0 13.4

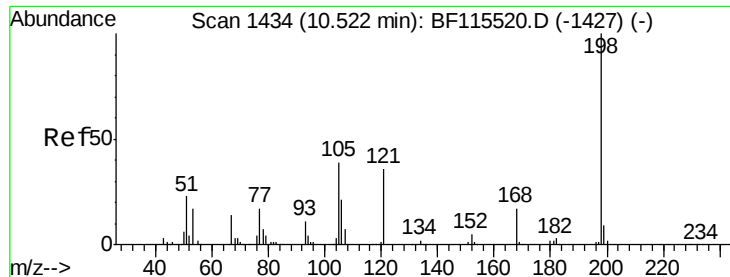


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 26.112 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

Instrument :

BNA_F

ClientSampleId :

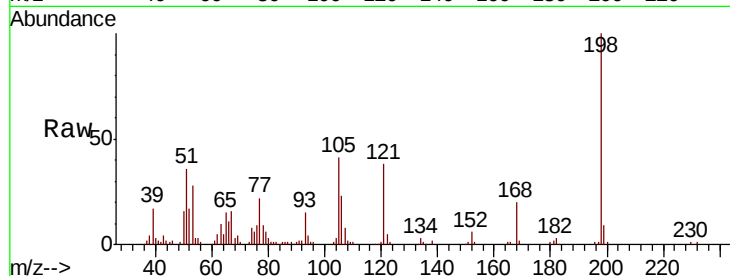
Tot Ion:198 Resp: 78299

Ion	Ratio	Lower	Upper
198	100		
51	36.2	12.0	52.0
105	40.7	19.5	59.5

198 100

51 36.2 12.0 52.0

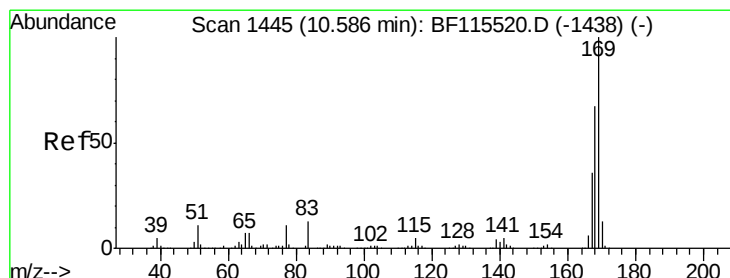
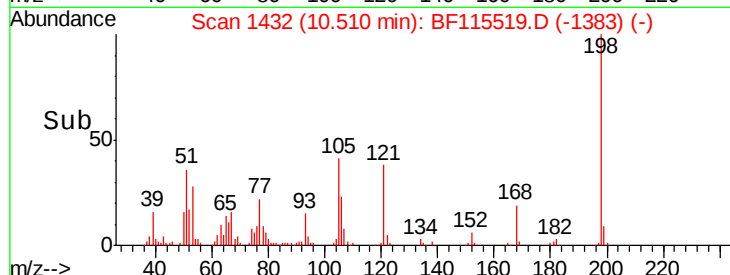
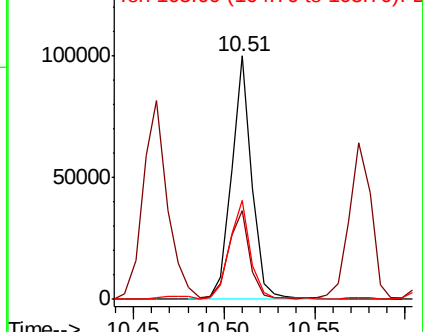
105 40.7 19.5 59.5



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: 21.366 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

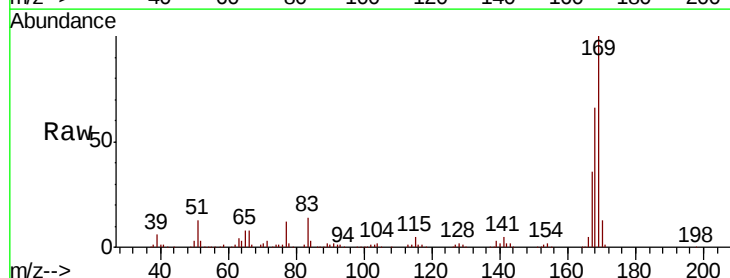
Tgt Ion:169 Resp: 464665

Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.5	80.3
167	36.5	28.9	43.3

169 100

168 66.2 53.5 80.3

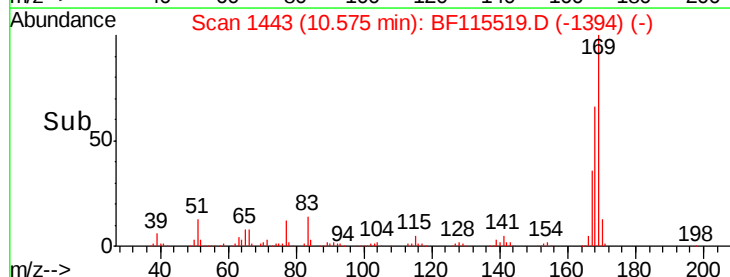
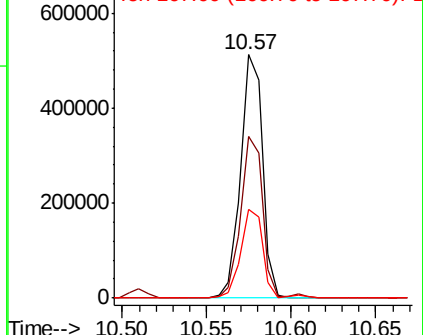
167 36.5 28.9 43.3



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

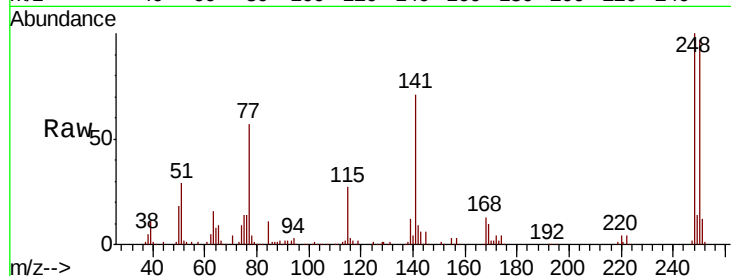




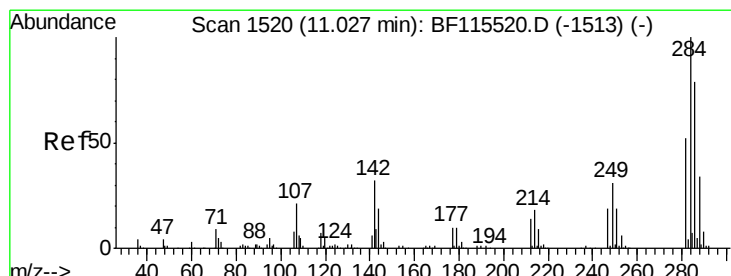
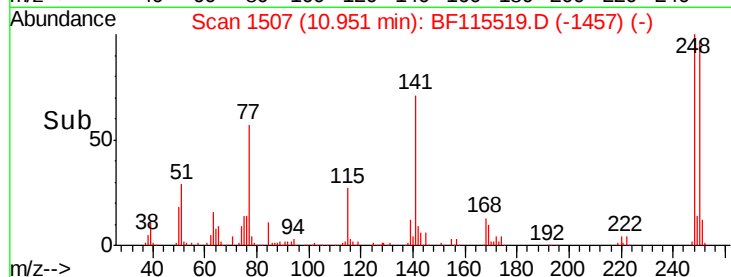
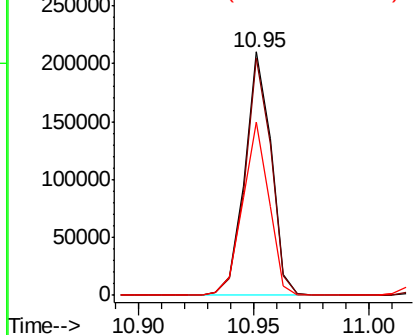
#67
4-Bromophenyl-phenylether
Concen: 21.739 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 168368
Ion Ratio Lower Upper
248 100
250 97.2 76.6 115.0
141 71.0 53.7 80.5

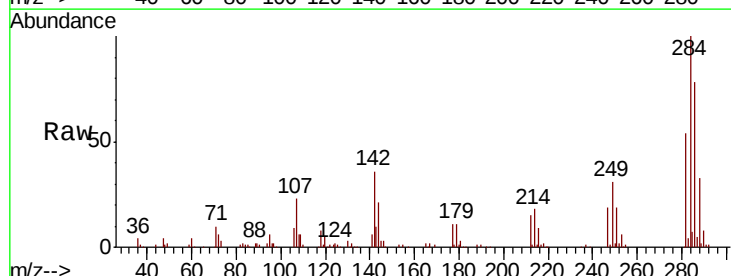


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

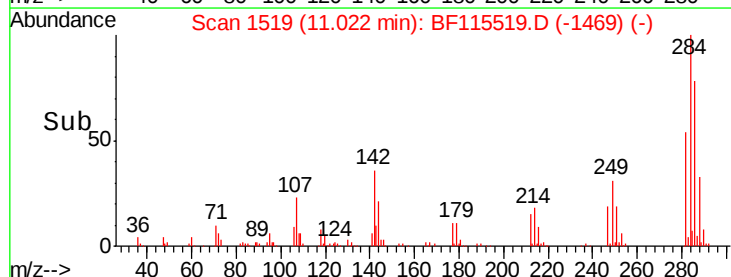
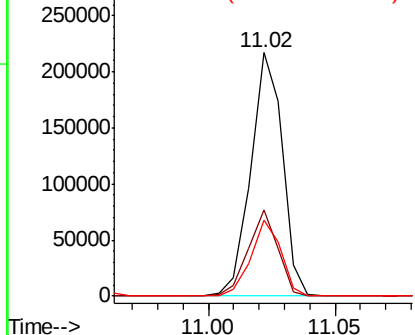


#68
Hexachlorobenzene
Concen: 21.777 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Tgt Ion:284 Resp: 189255
Ion Ratio Lower Upper
284 100
142 35.7 25.8 38.8
249 31.0 24.4 36.6



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

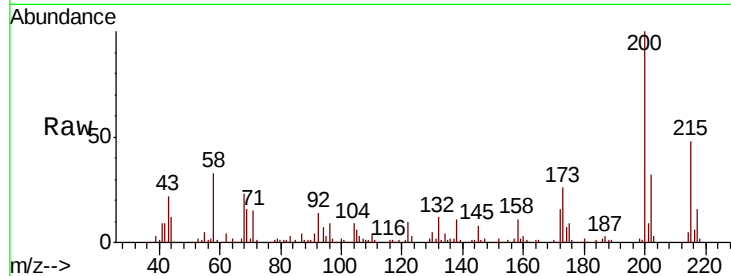




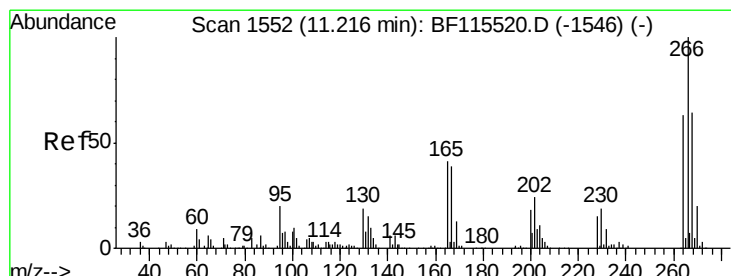
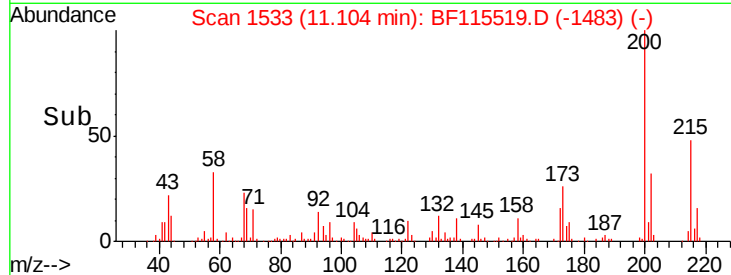
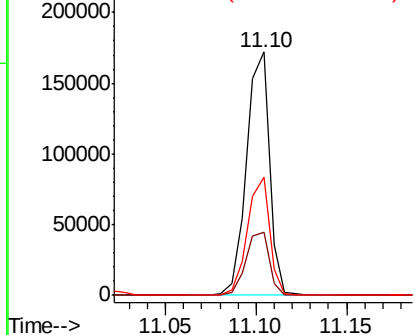
#69
Atrazine
Concen: 22.539 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 151695
Ion Ratio Lower Upper
200 100
173 26.0 6.9 46.9
215 48.4 27.9 67.9

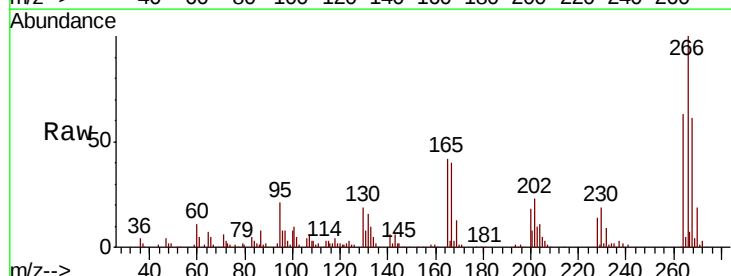


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

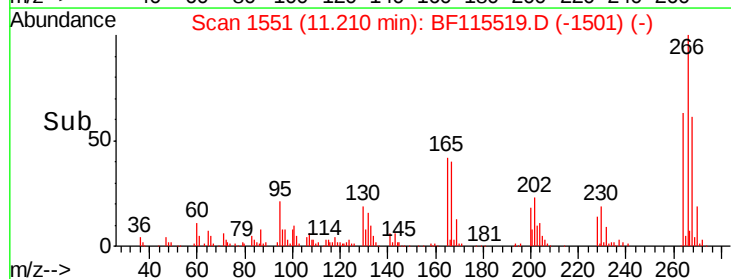
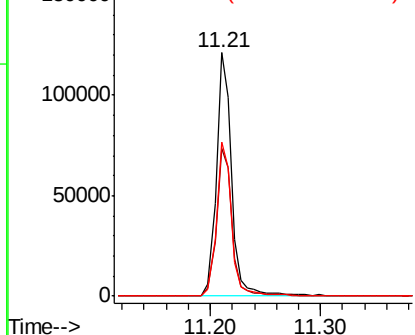


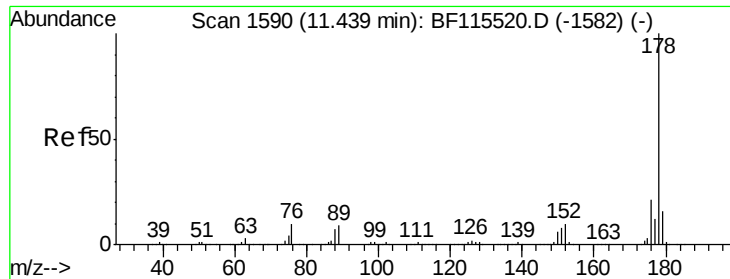
#70
Pentachlorophenol
Concen: 21.787 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Tgt Ion:266 Resp: 115392
Ion Ratio Lower Upper
266 100
268 60.5 51.0 76.6
264 63.5 50.2 75.2



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

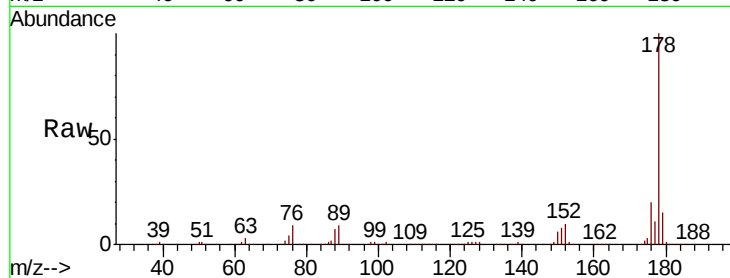




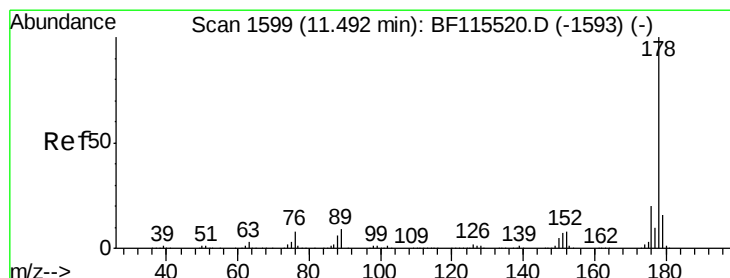
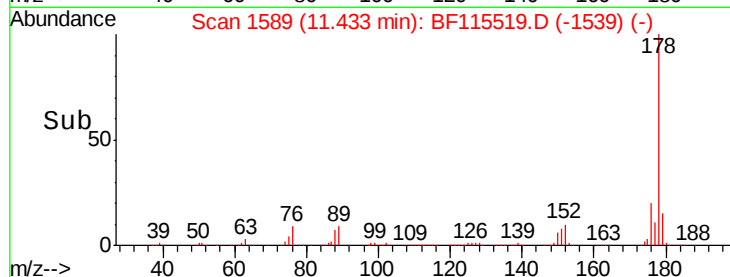
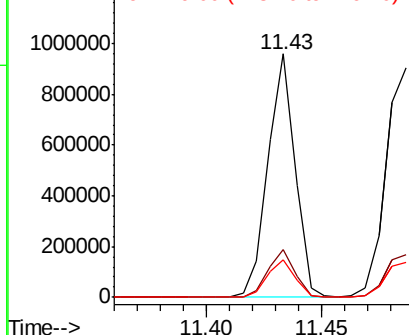
#71
Phenanthrene
Concen: 21.723 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 788560
Ion Ratio Lower Upper
178 100
176 19.5 16.5 24.7
179 15.4 12.8 19.2

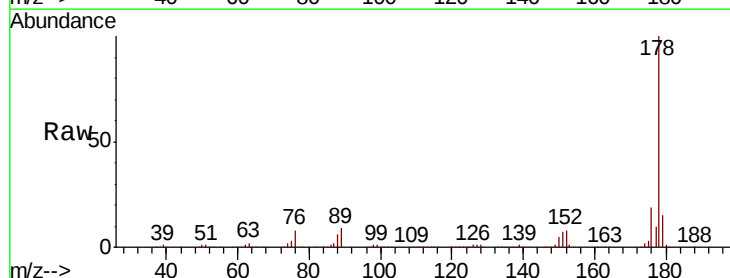


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

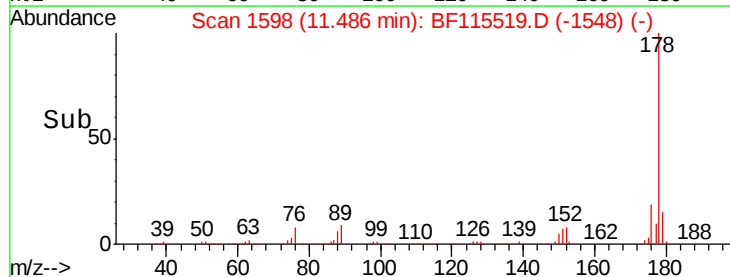
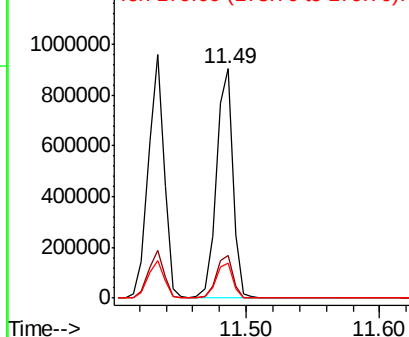


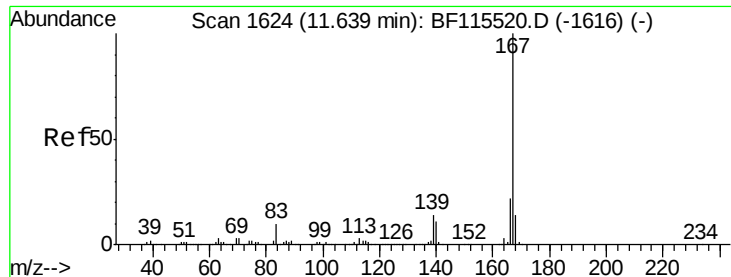
#72
Anthracene
Concen: 21.667 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Tgt Ion:178 Resp: 788696
Ion Ratio Lower Upper
178 100
176 18.9 15.9 23.9
179 15.1 12.7 19.1



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

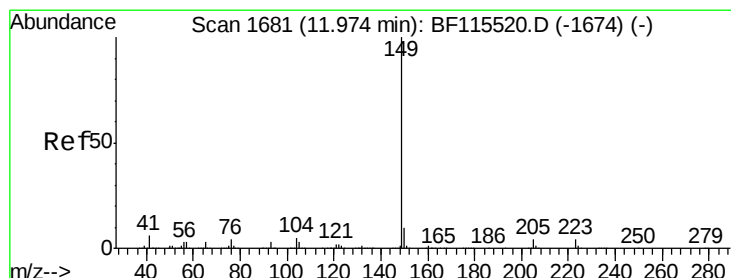
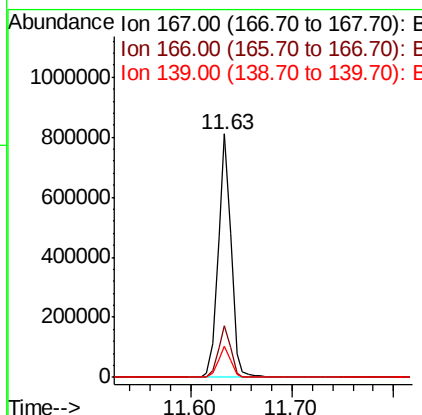
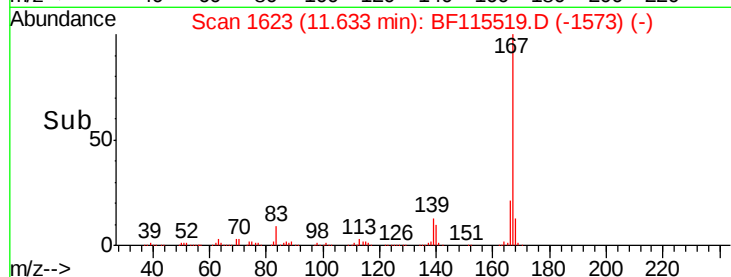
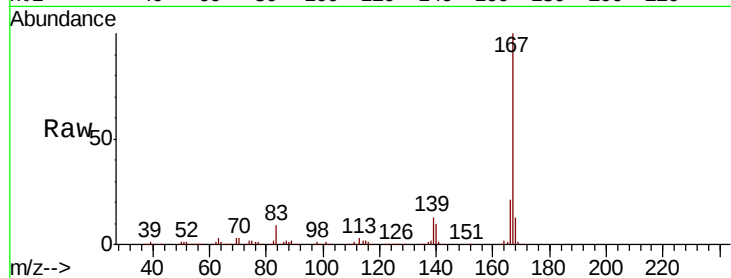




#73
 Carbazole
 Concen: 21.433 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115519.D
 Acq: 12 Jul 2019 9:56

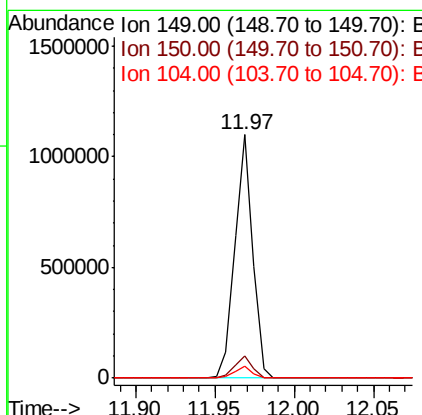
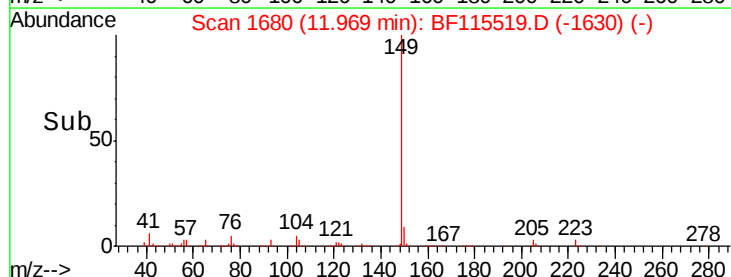
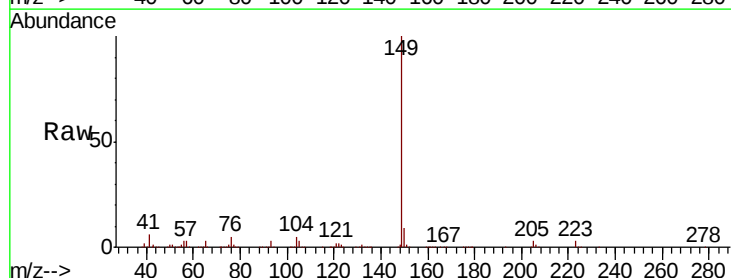
Instrument :
 BNA_F
 ClientSampleId :

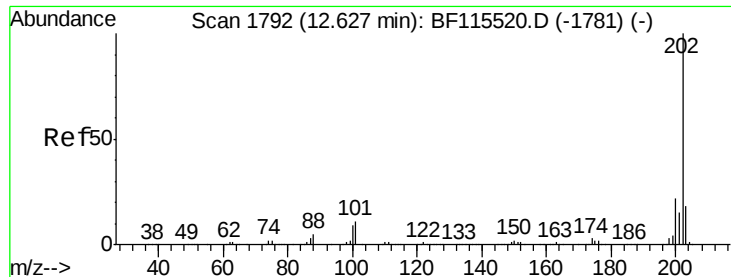
Tot Ion:167 Resp: 713750
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.9 26.9
 139 12.9 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 21.306 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF115519.D
 Acq: 12 Jul 2019 9:56

Tgt Ion:149 Resp: 857504
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 4.8 3.8 5.8





#75

Fluoranthene

Concen: 21.176 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

Instrument :

BNA_F

ClientSampleId :

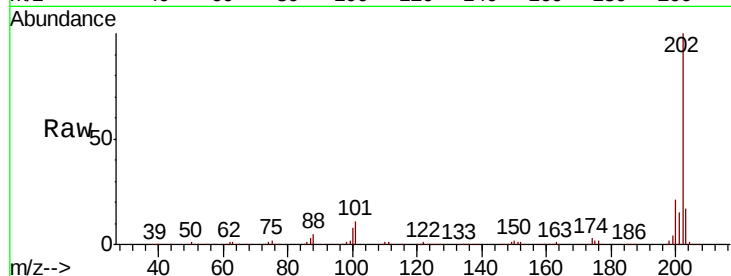
Tot Ion:202 Resp: 809385

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.4

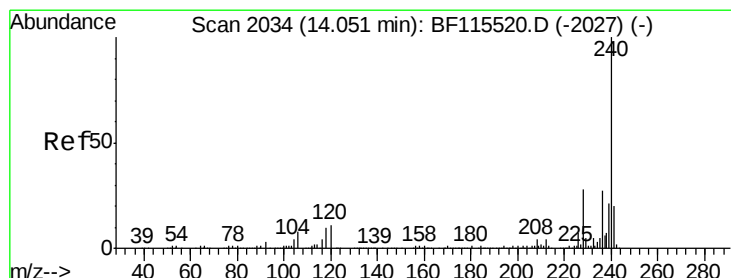
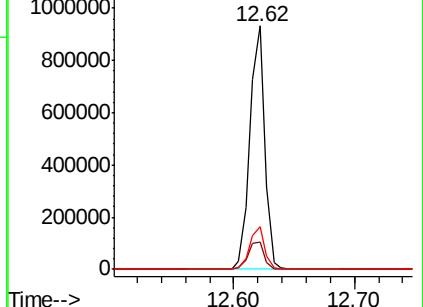
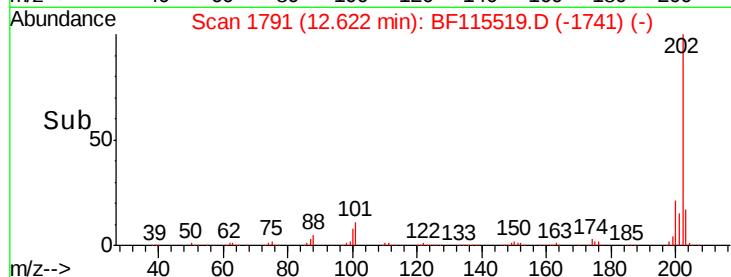
203 17.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

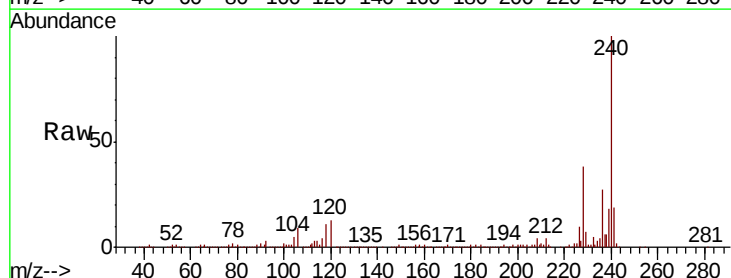
Tgt Ion:240 Resp: 478302

Ion Ratio Lower Upper

240 100

120 12.5 9.1 13.7

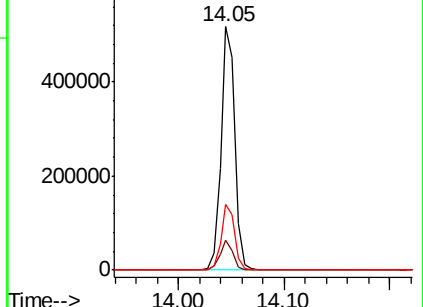
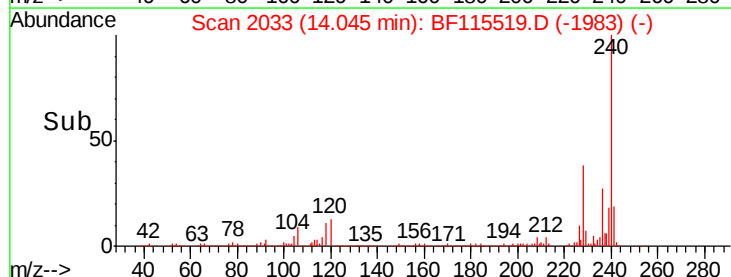
236 26.8 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.651 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

Instrument :

BNA_F

ClientSampled :

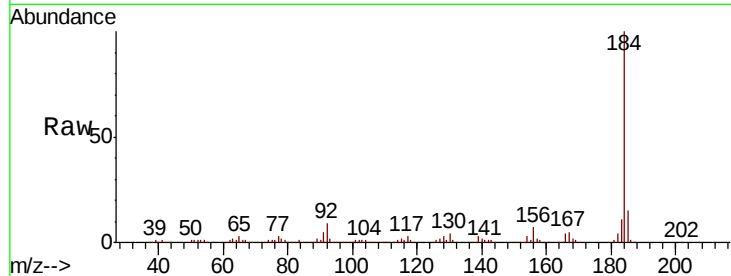
Tot Ion:184 Resp: 385187

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.0	18.0
183	11.3	9.3	13.9

184 100

185 15.2 12.0 18.0

183 11.3 9.3 13.9

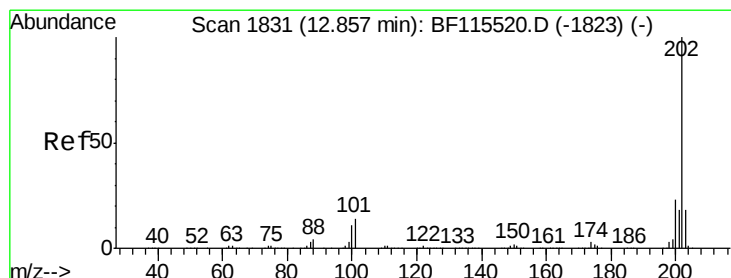
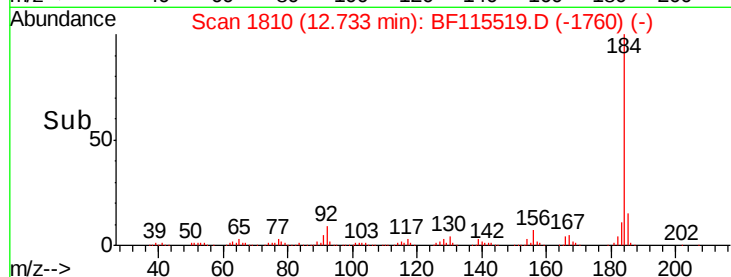
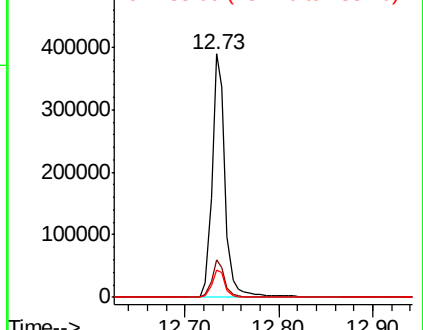


Abundance

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: 22.049 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

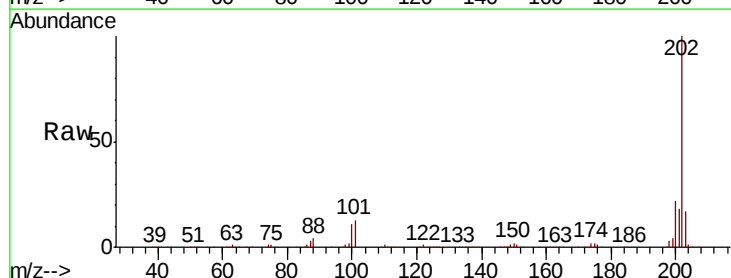
Tgt Ion:202 Resp: 820098

Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.0	27.0
203	17.4	14.6	21.8

202 100

200 21.7 18.0 27.0

203 17.4 14.6 21.8

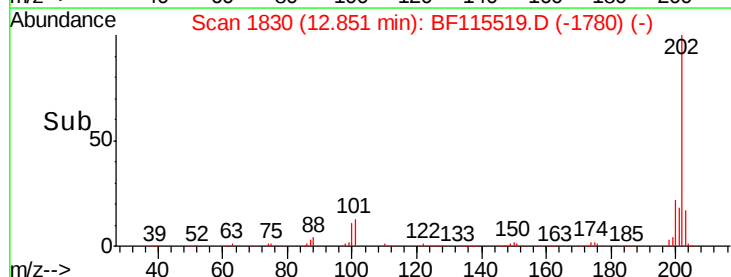
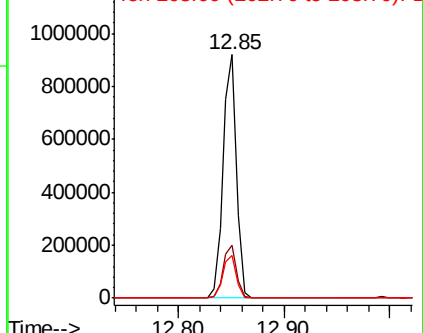


Abundance

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



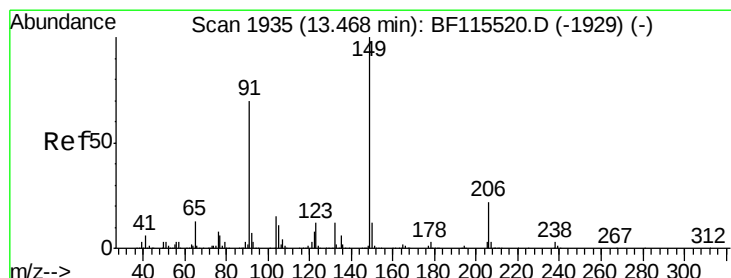
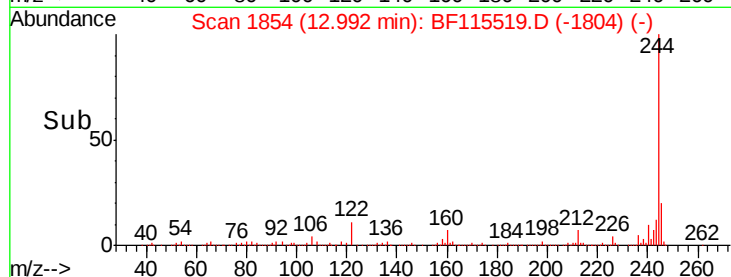
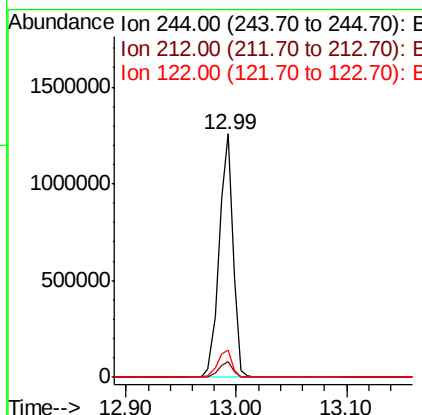
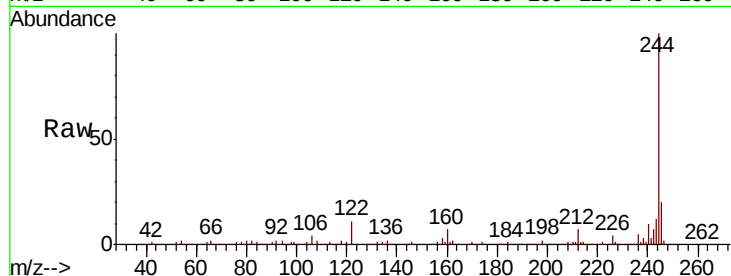


#79
 Terphenyl-d14
 Concen: 47.176 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115519.D
 Acq: 12 Jul 2019 9:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1102049

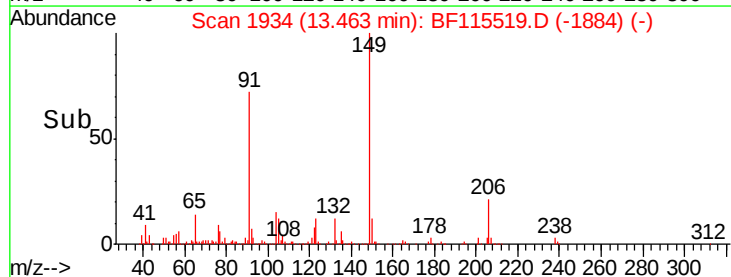
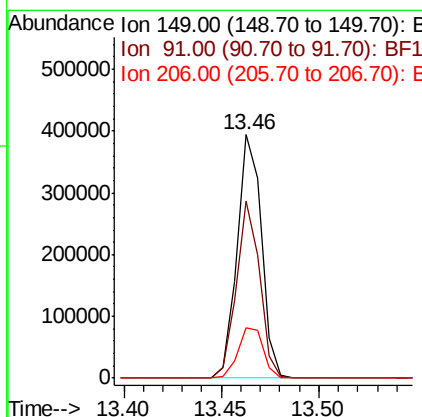
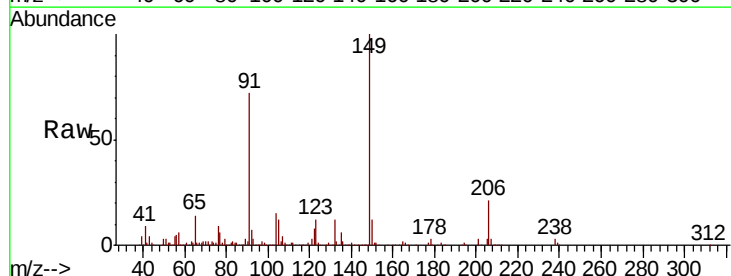
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	11.0	9.0	13.4

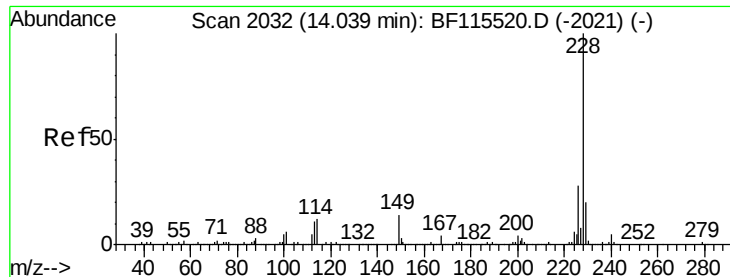


#80
 Butylbenzylphthalate
 Concen: 20.947 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF115519.D
 Acq: 12 Jul 2019 9:56

Tgt Ion:149 Resp: 340413

Ion	Ratio	Lower	Upper
149	100		
91	72.5	56.1	84.1
206	20.7	17.4	26.2

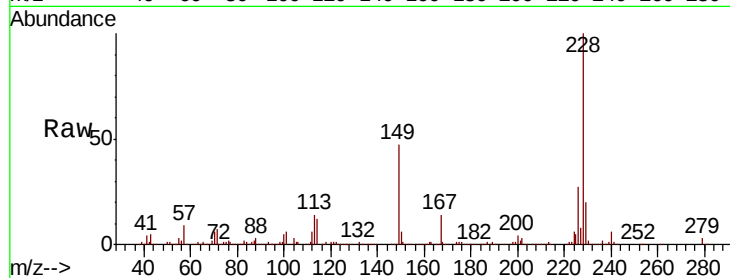




#81
Benzo(a)anthracene
Concen: 21.898 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.2	33.4
229	20.2	16.1	24.1

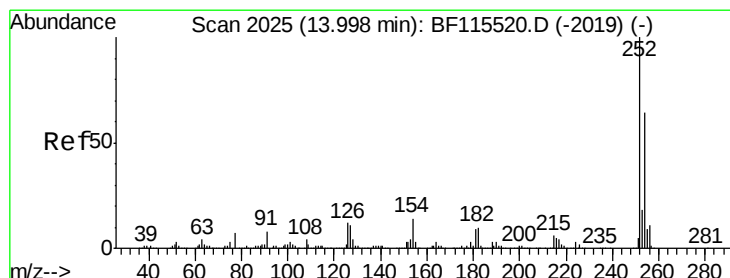
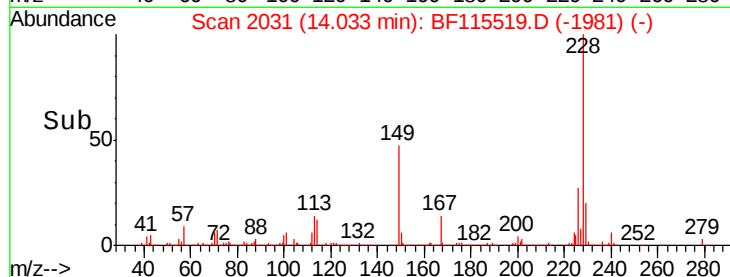
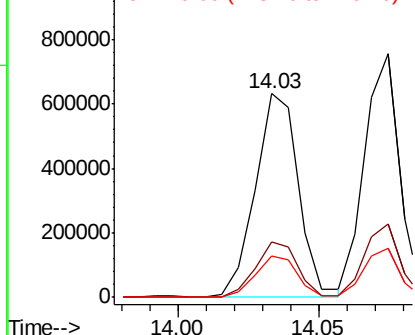


Abundance

Ion 228.00 (227.70 to 228.70): E

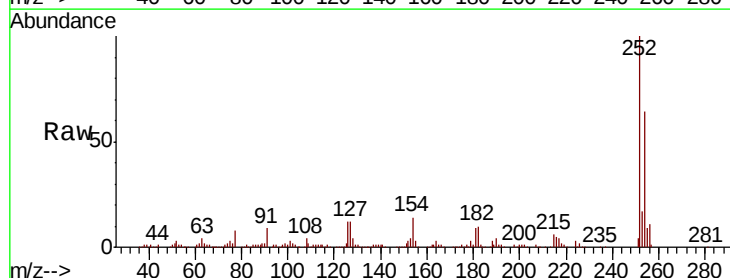
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 22.174 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.1	76.7
126	12.0	9.4	14.2

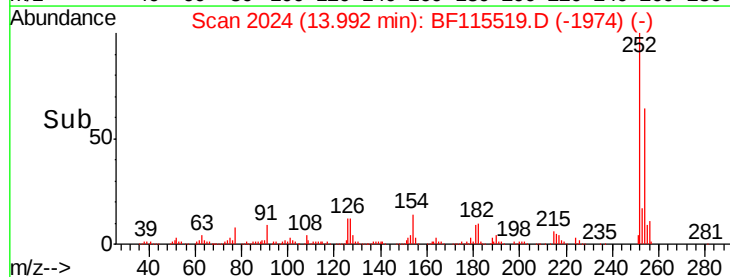
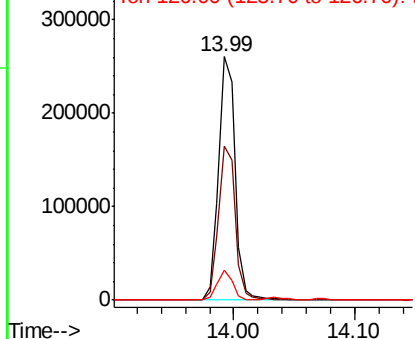


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 20.728 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

Instrument :

BNA_F

ClientSampleId :

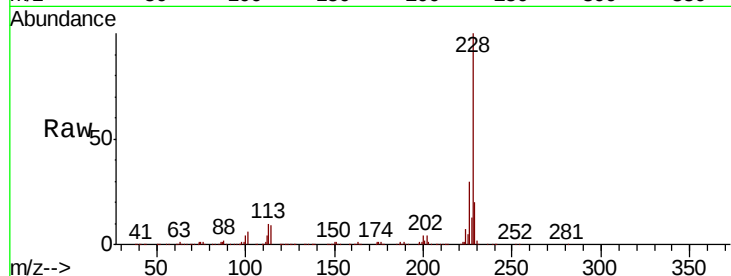
Tot Ion:228 Resp: 652693

Ion Ratio Lower Upper

228 100

226 30.3 24.6 36.8

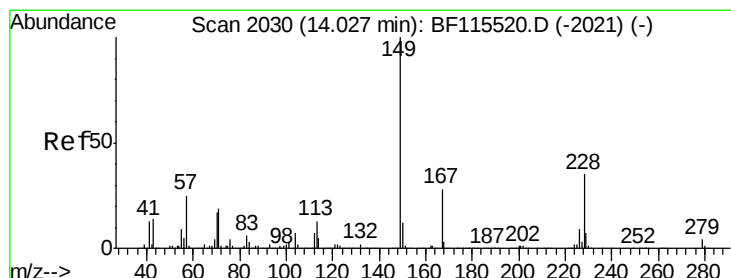
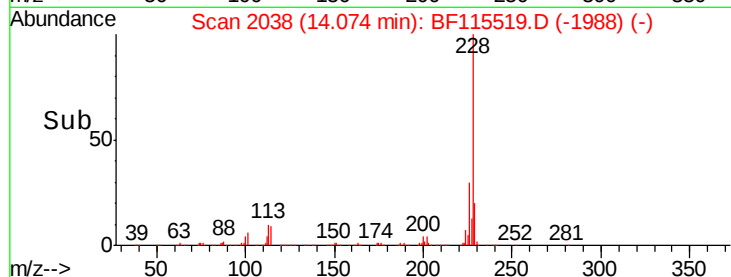
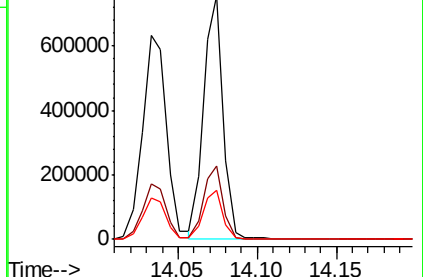
229 20.0 15.7 23.5



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: 22.257 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

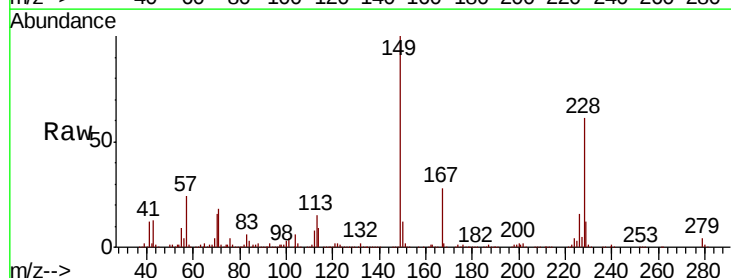
Tgt Ion:149 Resp: 447948

Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

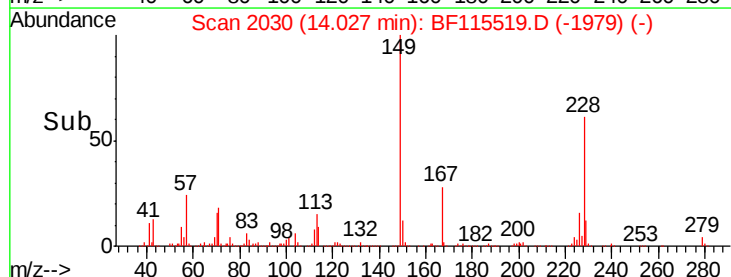
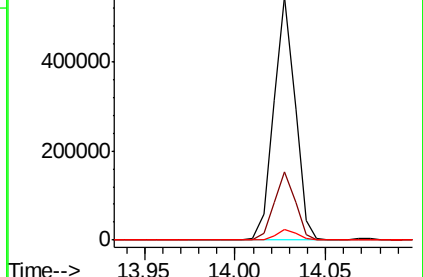
279 4.3 3.1 4.7

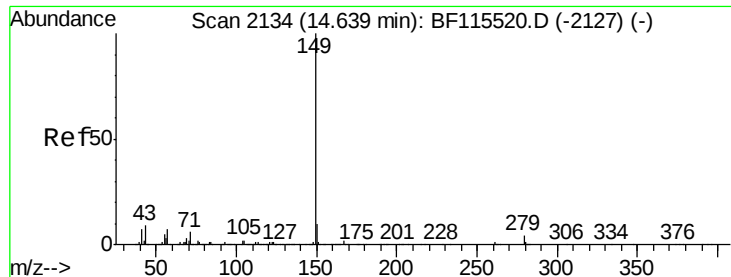


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 19.877 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

Instrument :

BNA_F

ClientSampleId :

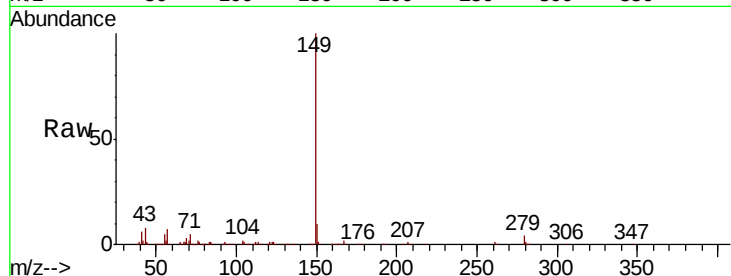
Tot Ion:149 Resp: 712151

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

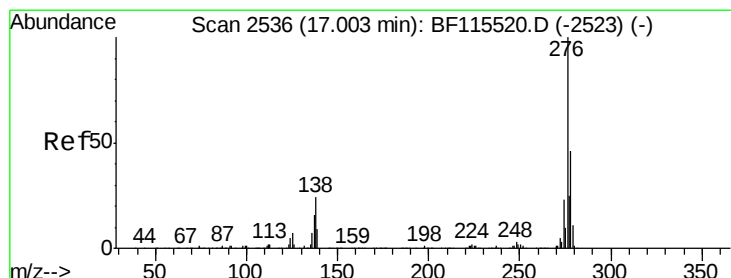
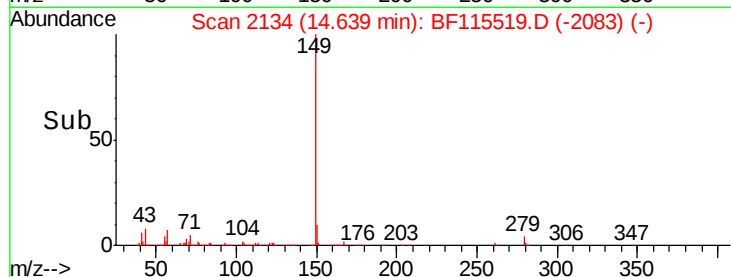
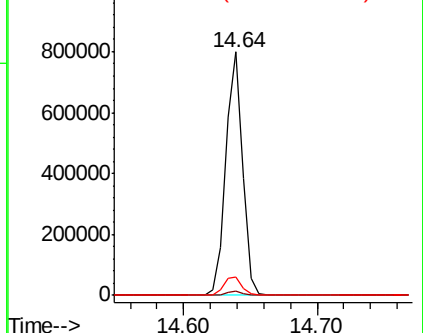
43 8.2 6.8 10.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 17.678 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

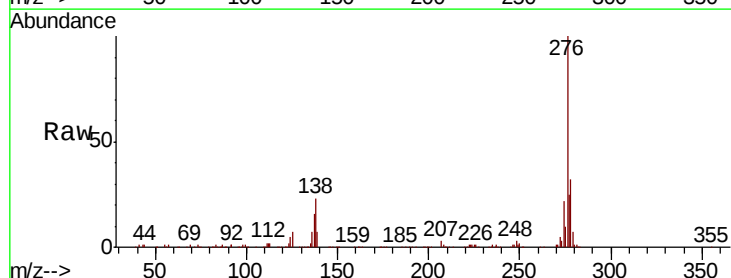
Tgt Ion:276 Resp: 481755

Ion Ratio Lower Upper

276 100

138 25.6 20.0 30.0

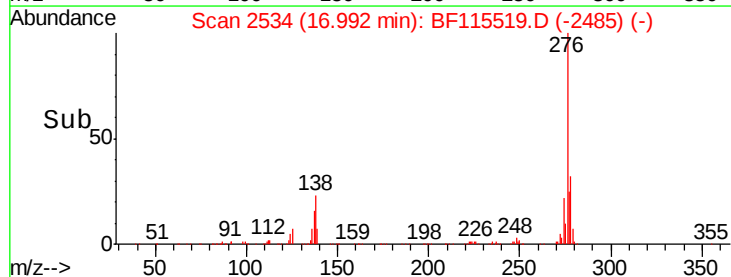
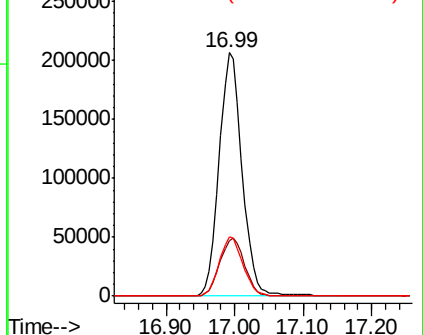
277 25.2 20.1 30.1

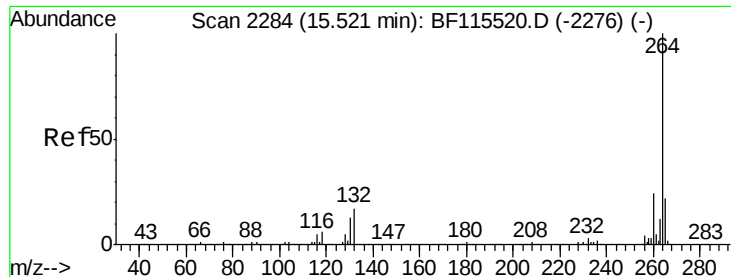


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

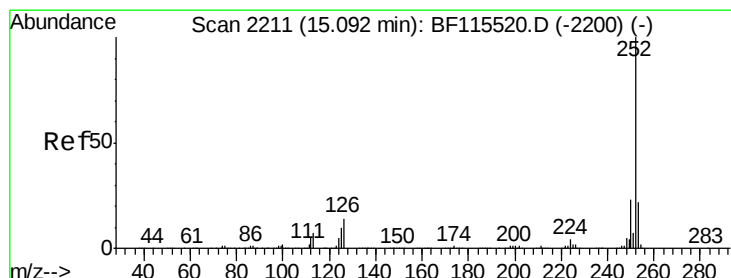
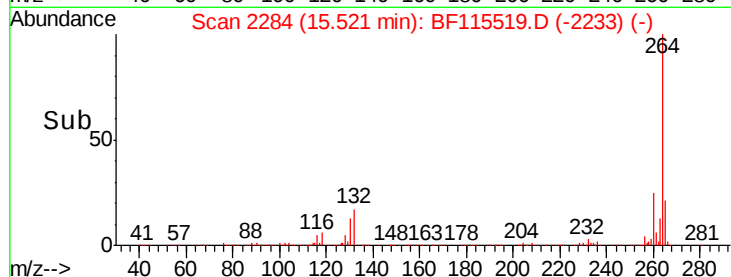
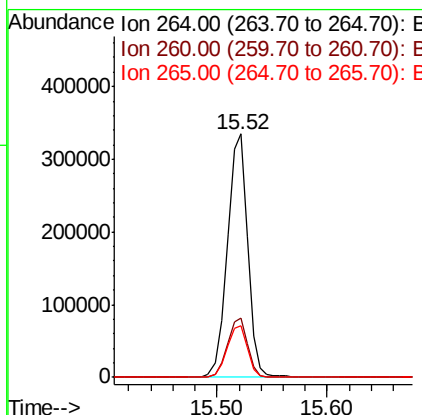
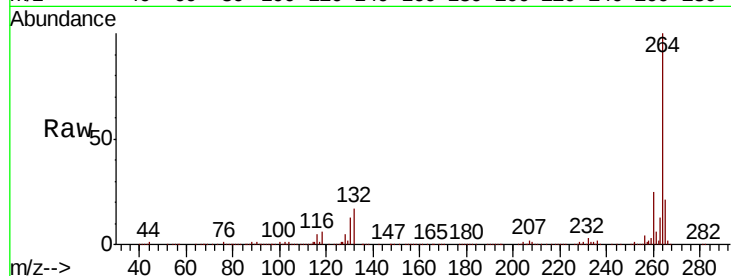




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

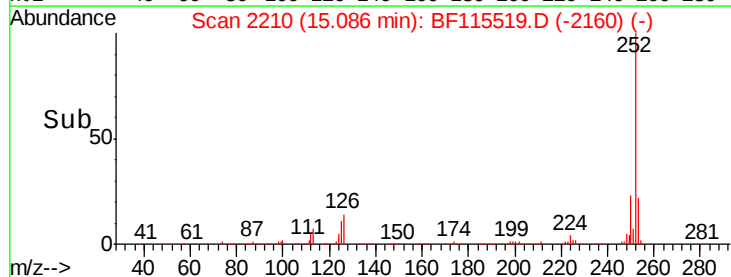
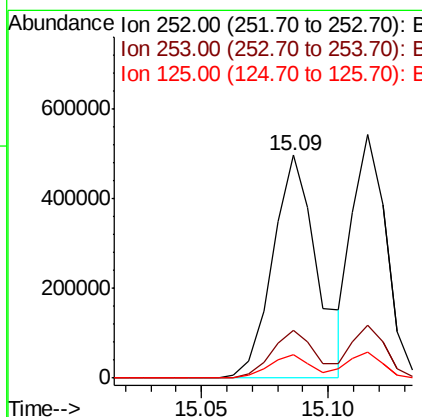
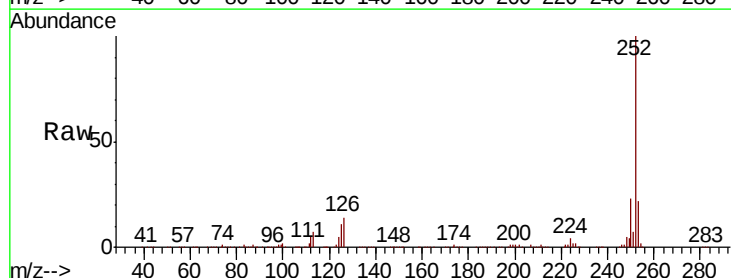
Instrument :
BNA_F
ClientSampleId :

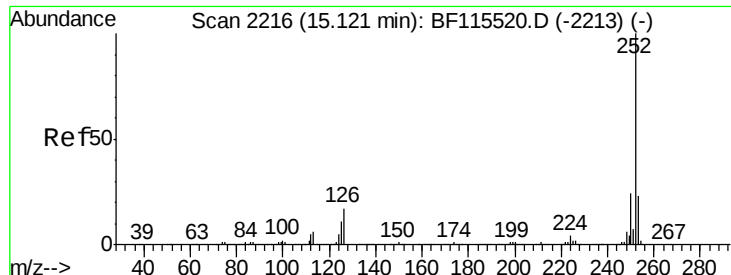
Tot Ion:264 Resp: 433720
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.2
265 21.2 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 21.613 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Tgt Ion:252 Resp: 610324
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 10.7 8.3 12.5

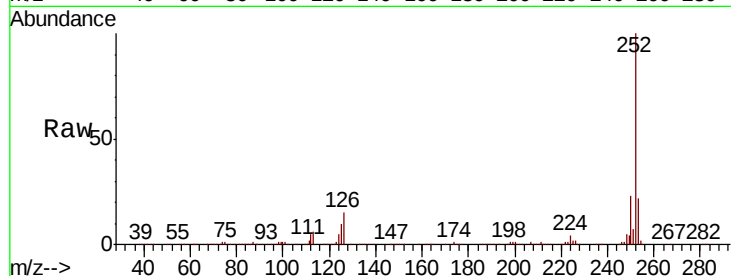




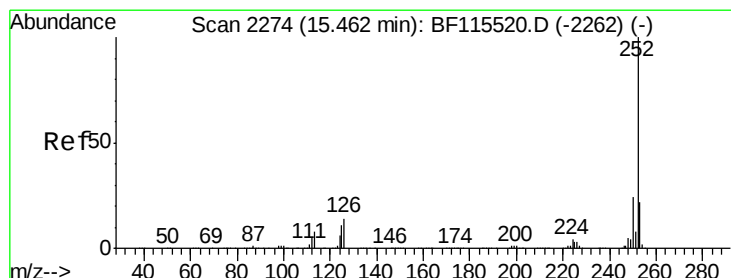
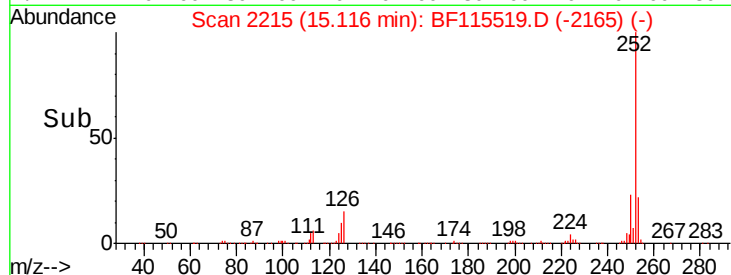
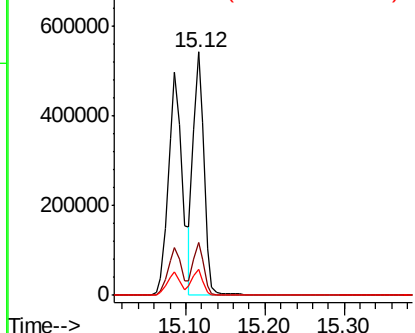
#89
Benzo(k)fluoranthene
Concen: 20.526 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 515481
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 10.5 8.7 13.1

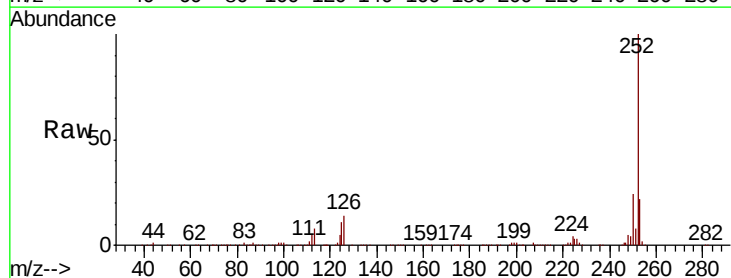


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

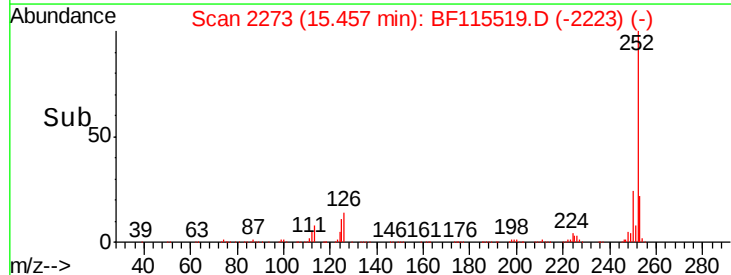
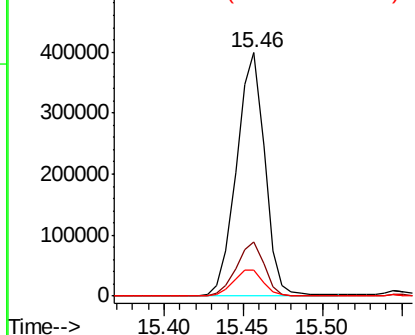


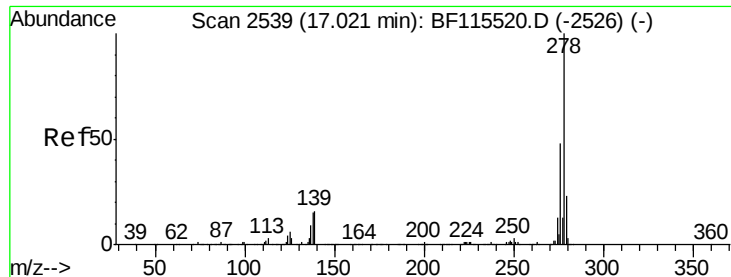
#90
Benzo(a)pyrene
Concen: 20.229 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF115519.D
Acq: 12 Jul 2019 9:56

Tgt Ion:252 Resp: 492701
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.9 8.9 13.3



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





#91

Dibenzo(a,h)anthracene

Concen: 19.155 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

Instrument :

BNA_F

ClientSampleId :

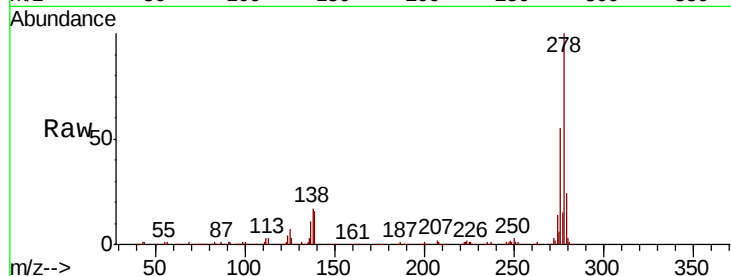
Tot Ion:278 Resp: 398674

Ion Ratio Lower Upper

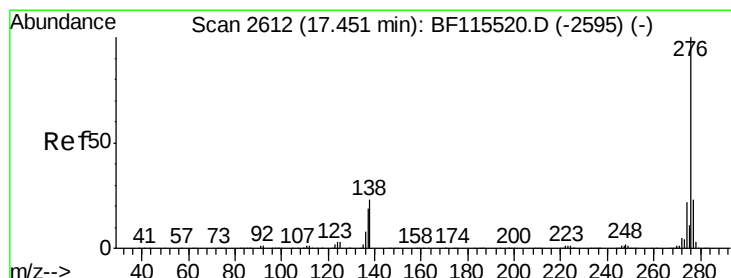
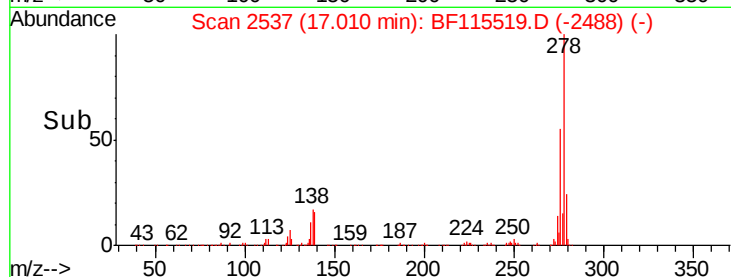
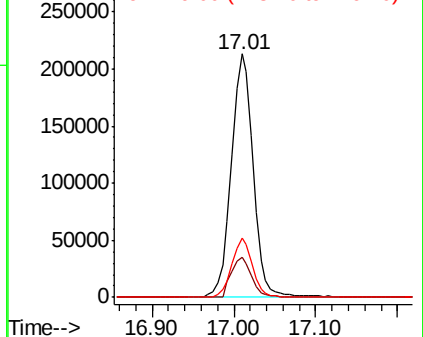
278 100

139 16.3 12.8 19.2

279 24.3 18.8 28.2



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: 19.189 ng

RT: 17.44 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BF115519.D

Acq: 12 Jul 2019 9:56

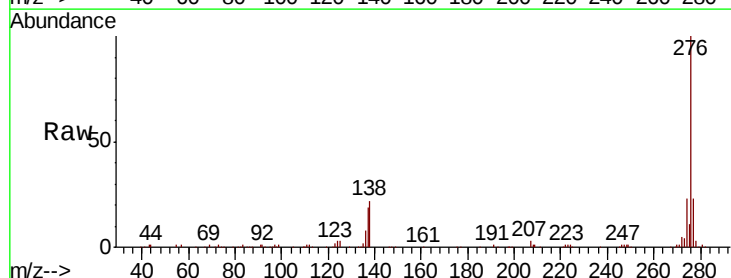
Tgt Ion:276 Resp: 378025

Ion Ratio Lower Upper

276 100

277 23.0 18.5 27.7

138 21.7 18.0 27.0



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

