

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092419\
 Data File : BF117214.D
 Acq On : 24 Sep 2019 13:13
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 24 14:29:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	36291	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	155916	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	84199	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	137511	20.00	ng	0.00
76) Chrysene-d12	13.98	240	93691	20.00	ng	0.00
87) Perylene-d12	15.43	264	70804	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	176083	75.75	ng	0.00
7) Phenol-d6	6.46	99	236313	78.66	ng	0.00
23) Nitrobenzene-d5	7.39	82	236361	79.65	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	56889	80.84	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	447753	83.15	ng	0.00
79) Terphenyl-d14	12.92	244	442023	88.19	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.53	88	32898	33.822	ng	97
3) Pyridine	3.28	79	92874	34.885	ng	96
4) n-Nitrosodimethylamine	3.24	42	38480	42.117	ng	81
6) Aniline	6.49	93	149280	38.596	ng	97
8) 2-Chlorophenol	6.61	128	97670	38.949	ng	97
9) Benzaldehyde	6.37	77	64216	43.641	ng	96
10) Phenol	6.47	94	128873	38.914	ng	84
11) bis(2-Chloroethyl)ether	6.56	93	94527	38.836	ng	96
12) 1,3-Dichlorobenzene	6.76	146	110159	39.148	ng	96
13) 1,4-Dichlorobenzene	6.83	146	112066	39.025	ng	97
14) 1,2-Dichlorobenzene	6.99	146	108459	40.566	ng	98
15) Benzyl Alcohol	6.96	79	95840	41.603	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	90609	37.679	ng	72
17) 2-Methylphenol	7.08	107	82591	39.298	ng	92
18) Hexachloroethane	7.33	117	45142	40.862	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	78089	42.689	ng	92
20) 3+4-Methylphenols	7.23	107	109145	41.693	ng	94
22) Acetophenone	7.23	105	160154	40.429	ng	# 98
24) Nitrobenzene	7.40	77	113364	38.685	ng	99
25) Isophorone	7.64	82	207235	39.443	ng	97
26) 2-Nitrophenol	7.72	139	49208	39.093	ng	96
27) 2,4-Dimethylphenol	7.76	122	77549	38.850	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	124863	38.573	ng	98
29) 2,4-Dichlorophenol	7.96	162	80346	38.415	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	89101	39.432	ng	97
31) Naphthalene	8.12	128	295400	39.394	ng	98
32) Benzoic acid	7.91	122	46503	33.209	ng	98
33) 4-Chloroaniline	8.17	127	128298	38.576	ng	98
34) Hexachlorobutadiene	8.24	225	52591	41.023	ng	97
35) Caprolactam	8.55	113	19632	27.731	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	95354	39.099	ng	99
37) 2-Methylnaphthalene	8.82	142	203811	40.363	ng	100
38) 1-Methylnaphthalene	8.91	142	190679	40.319	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	83221	38.276	ng	99

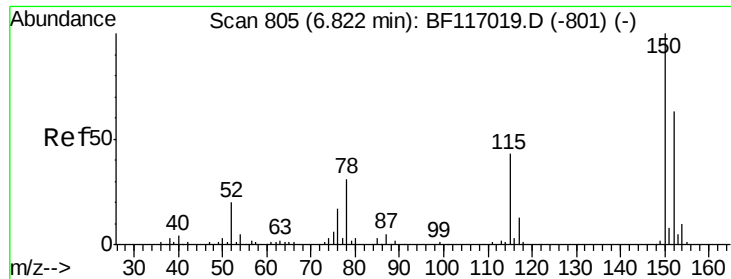
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092419\
 Data File : BF117214.D
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 Operator : JU
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	27834	33.968	ng	98
43) 2,4,6-Trichlorophenol	9.10	196	56367	38.202	ng	100
44) 2,4,5-Trichlorophenol	9.15	196	59248	37.583	ng	98
46) 1,1'-Biphenyl	9.27	154	250441	37.919	ng	99
47) 2-Chloronaphthalene	9.30	162	198069	37.999	ng	99
48) 2-Nitroaniline	9.40	65	65848	39.385	ng	98
49) Acenaphthylene	9.72	152	297301	38.074	ng	98
50) Dimethylphthalate	9.57	163	228290	38.293	ng	99
51) 2,6-Dinitrotoluene	9.65	165	48232	39.723	ng	100
52) Acenaphthene	9.89	154	177429	38.332	ng	99
53) 3-Nitroaniline	9.82	138	57539	37.559	ng	97
54) 2,4-Dinitrophenol	9.93	184	17516	38.748	ng	94
55) Dibenzofuran	10.06	168	266643	39.043	ng	98
56) 4-Nitrophenol	9.99	139	37859	38.130	ng	90
57) 2,4-Dinitrotoluene	10.05	165	64704	41.053	ng	# 88
58) Fluorene	10.40	166	218787	39.770	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.14	232	40336	33.436	ng	95
60) Diethylphthalate	10.27	149	235723	40.190	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	98561	41.408	ng	97
62) 4-Nitroaniline	10.43	138	59108	37.101	ng	90
63) Azobenzene	10.55	77	236207	39.431	ng	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	24512	40.398	ng	79
66) n-Nitrosodiphenylamine	10.52	169	187613	39.505	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	56200	40.019	ng	94
68) Hexachlorobenzene	10.96	284	61403	39.976	ng	96
69) Atrazine	11.04	200	45649	36.769	ng	97
70) Pentachlorophenol	11.15	266	32516	45.162	ng	98
71) Phenanthrene	11.36	178	304936	39.041	ng	99
72) Anthracene	11.42	178	311281	39.037	ng	99
73) Carbazole	11.57	167	287530	37.988	ng	99
74) Di-n-butylphthalate	11.89	149	375100	41.653	ng	99
75) Fluoranthene	12.55	202	308773	38.475	ng	98
77) Benzidine	12.67	184	106046	35.137	ng	99
78) Pyrene	12.78	202	312211	39.715	ng	99
80) Butylbenzylphthalate	13.39	149	145133	39.071	ng	97
81) Benzo(a)anthracene	13.97	228	237701	37.974	ng	97
82) 3,3'-Dichlorobenzidine	13.93	252	75324	37.342	ng	100
83) Chrysene	14.01	228	228759	37.470	ng	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	186915	39.026	ng	97
85) Di-n-octyl phthalate	14.56	149	257216	34.121	ng	98
86) Indeno(1,2,3-cd)pyrene	16.89	276	143160	32.141	ng	97
88) Benzo(b)fluoranthene	15.01	252	162438	37.874	ng	98
89) Benzo(k)fluoranthene	15.04	252	172387	42.431	ng	98
90) Benzo(a)pyrene	15.37	252	145142	38.565	ng	98
91) Dibenzo(a,h)anthracene	16.89	278	117531	39.201	ng	96
92) Benzo(g,h,i)perylene	17.32	276	111094	37.185	ng	96

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

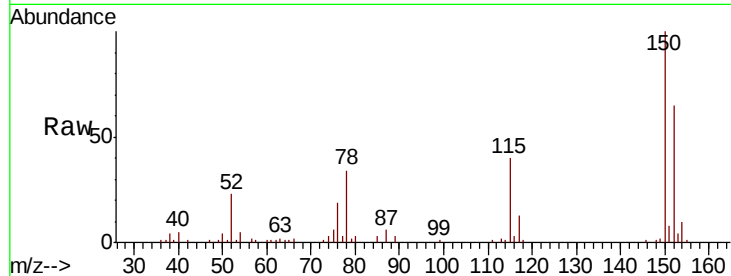


#1

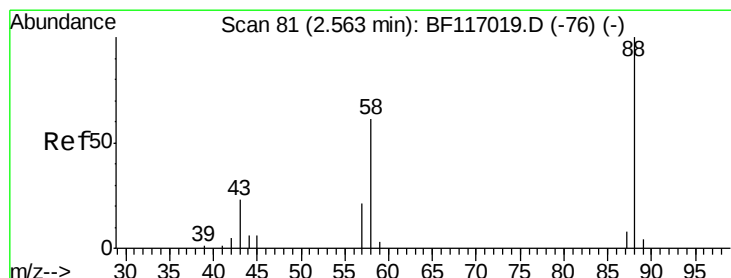
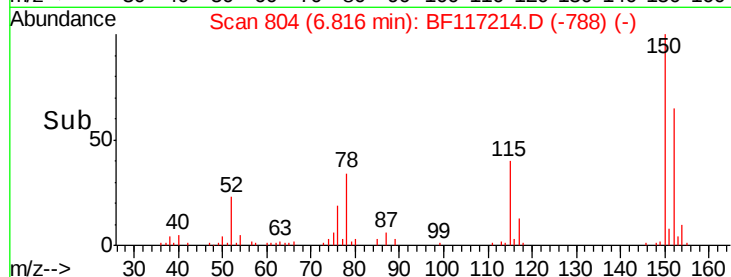
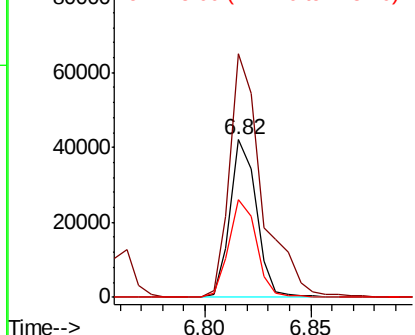
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 36291
Ion Ratio Lower Upper
152 100
150 154.4 127.5 191.3
115 61.7 55.0 82.4



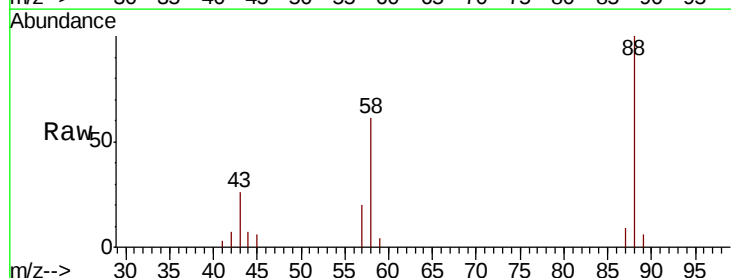
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



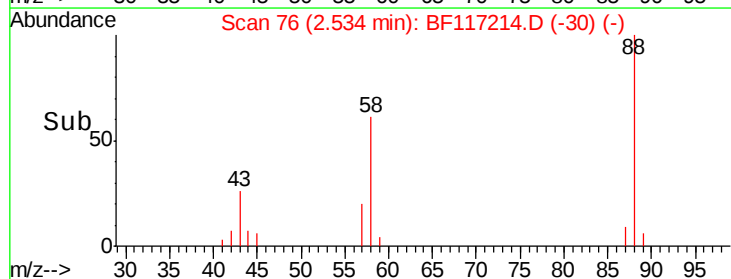
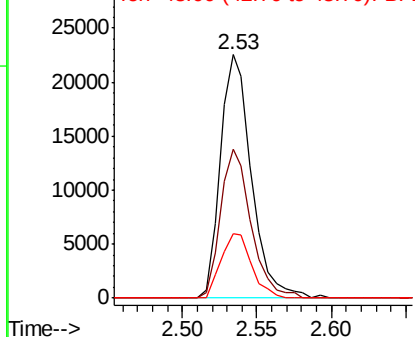
#2

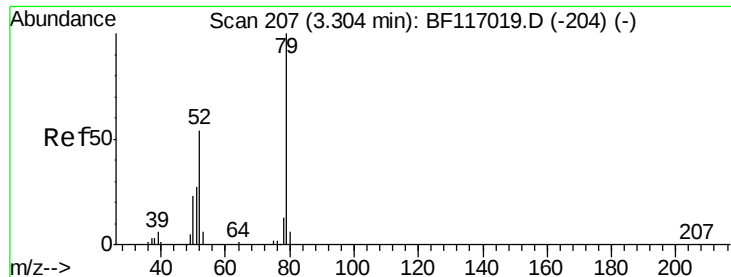
1,4-Dioxane
Concen: 33.822 ng
RT: 2.53 min Scan# 76
Delta R.T. -0.03 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Tgt Ion: 88 Resp: 32898
Ion Ratio Lower Upper
88 100
58 60.3 49.3 73.9
43 26.1 18.8 28.2



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: 34.885 ng

RT: 3.28 min Scan# 203

Delta R.T. -0.02 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

Instrument :

BNA_F

ClientSampled :

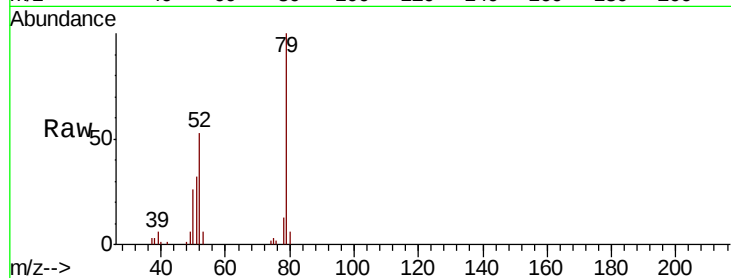
Tot Ion: 79 Resp: 92874

Ion Ratio Lower Upper

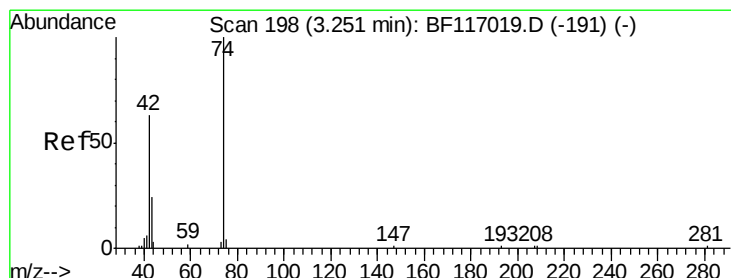
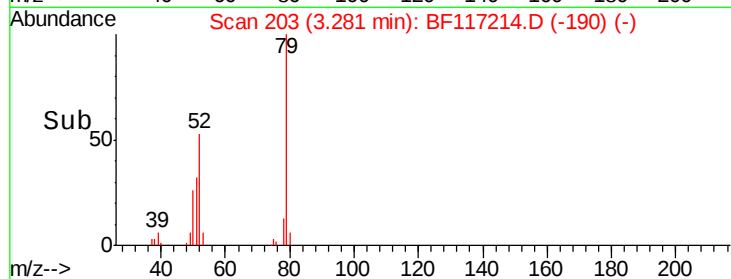
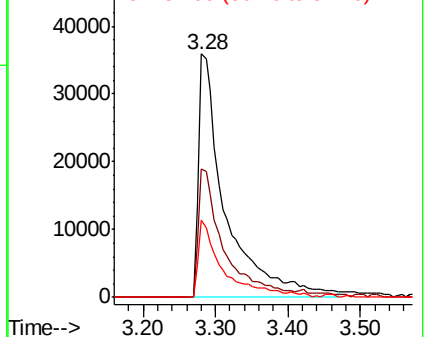
79 100

52 52.9 43.5 65.3

51 31.9 21.8 32.6



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: 42.117 ng

RT: 3.24 min Scan# 196

Delta R.T. -0.01 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

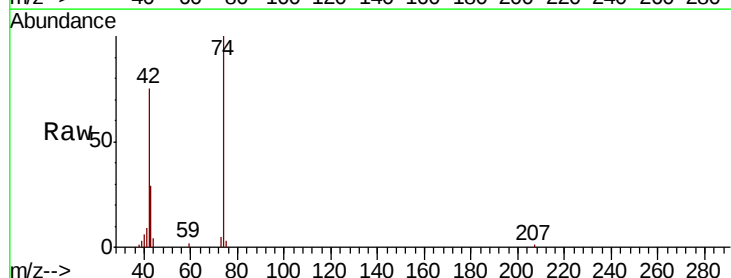
Tgt Ion: 42 Resp: 38480

Ion Ratio Lower Upper

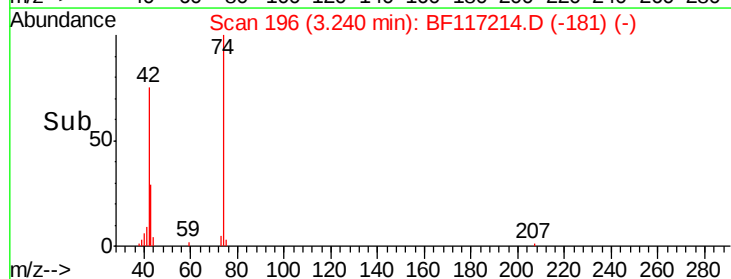
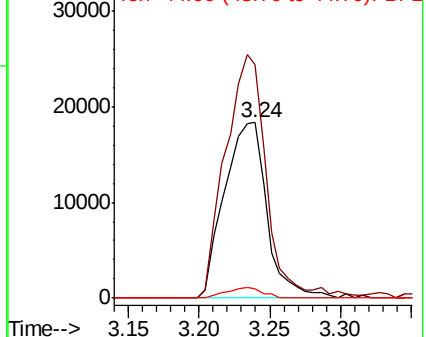
42 100

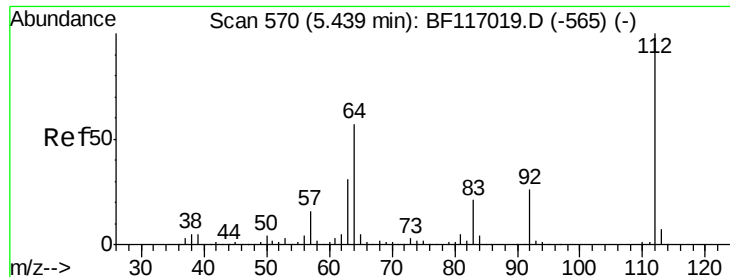
74 133.1 127.1 190.7

44 5.7 4.3 6.5



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: 75.751 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

Instrument :

BNA_F

ClientSampled :

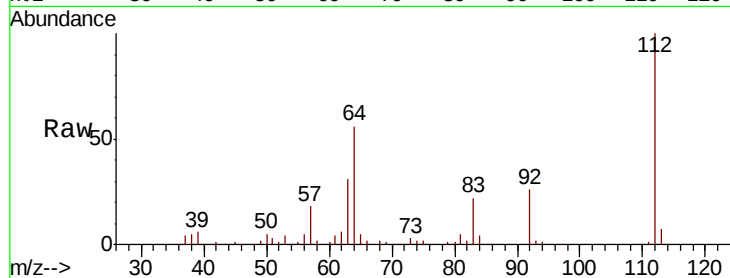
Tot Ion: 112 Resp: 176083

Ion Ratio Lower Upper

112 100

64 56.4 45.7 68.5

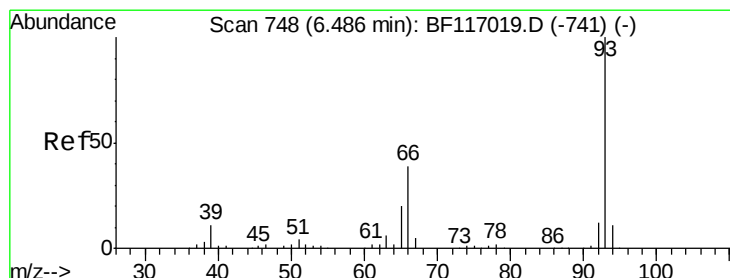
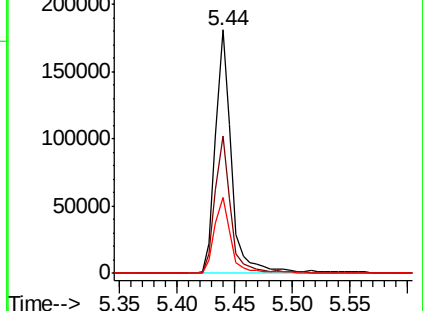
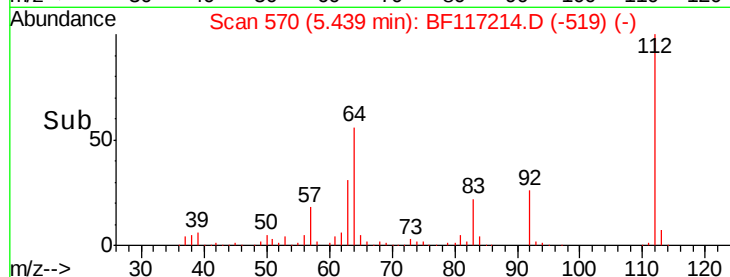
63 31.3 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.596 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

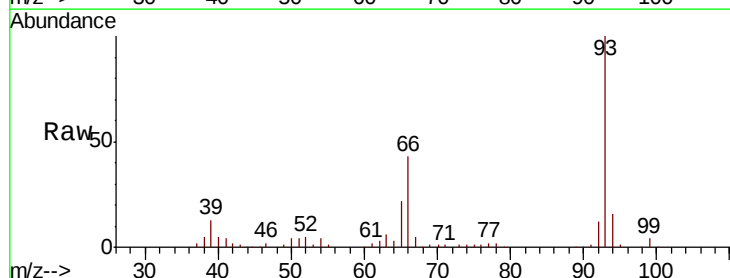
Tgt Ion: 93 Resp: 149280

Ion Ratio Lower Upper

93 100

66 42.7 32.6 49.0

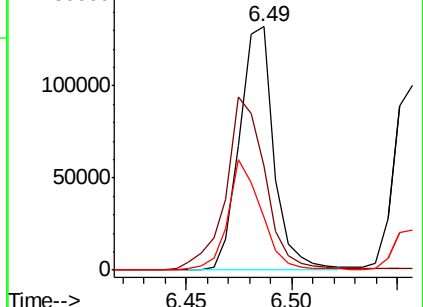
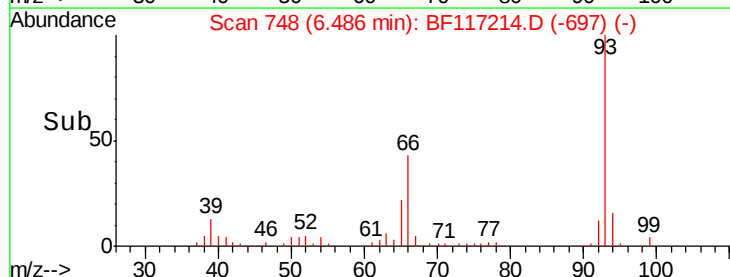
65 21.8 16.7 25.1

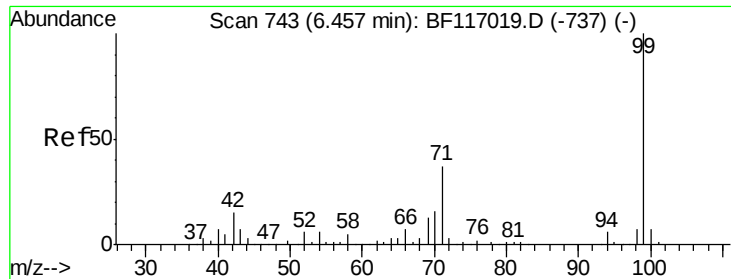


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.664 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

Instrument :

BNA_F

ClientSampled :

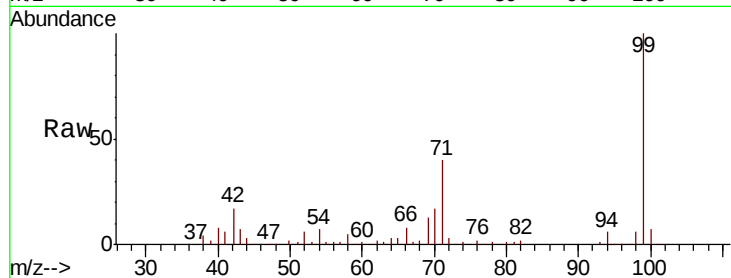
Tot Ion: 99 Resp: 236313

Ion Ratio Lower Upper

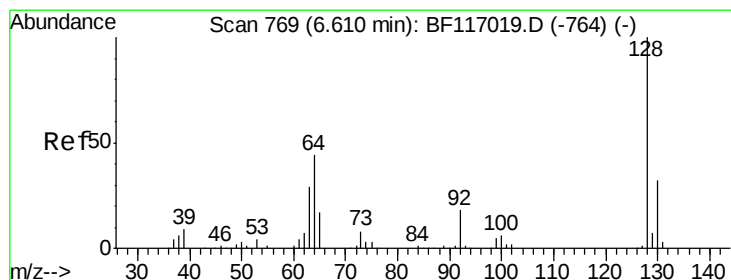
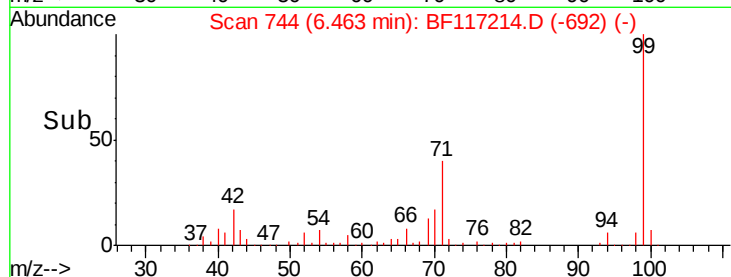
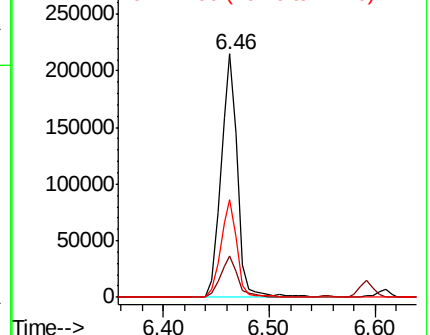
99 100

42 17.0 12.2 18.2

71 40.3 29.8 44.8



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: 38.949 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

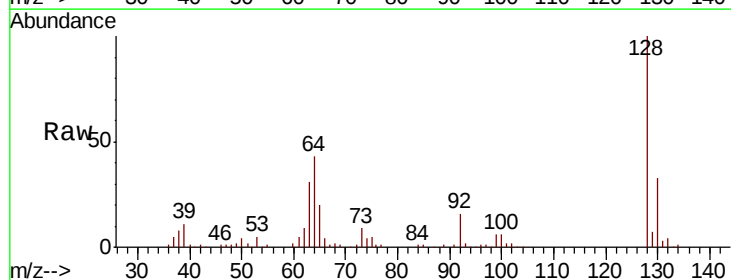
Tgt Ion: 128 Resp: 97670

Ion Ratio Lower Upper

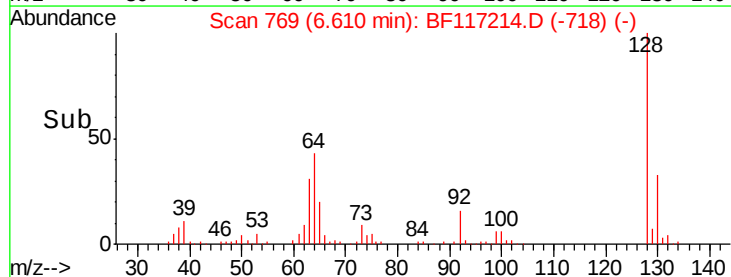
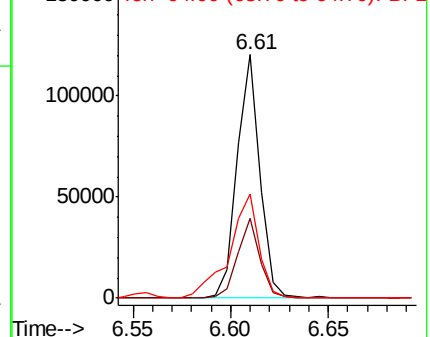
128 100

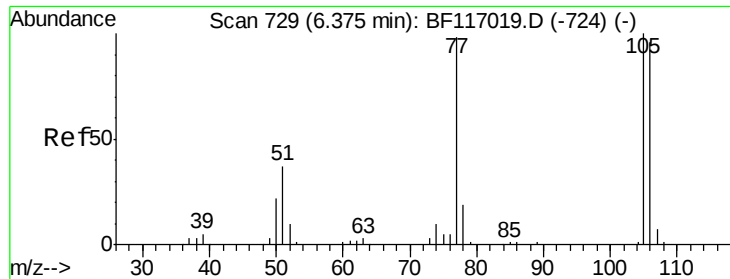
130 32.5 11.8 51.8

64 42.5 25.0 65.0



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: 43.641 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

Instrument :

BNA_F

ClientSampleId :

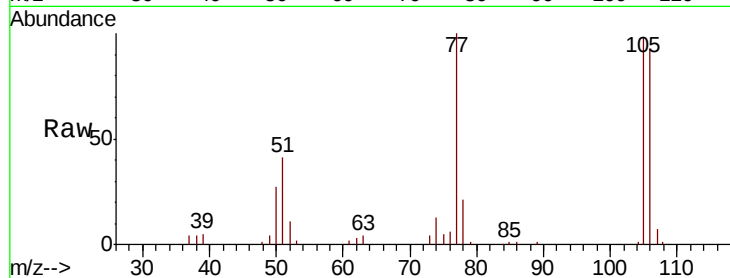
Tot Ion: 77 Resp: 64216

Ion Ratio Lower Upper

77 100

105 97.8 81.8 121.8

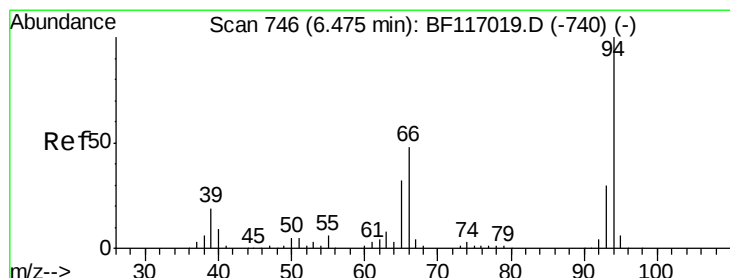
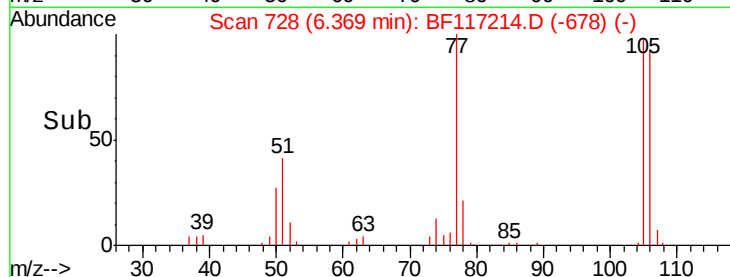
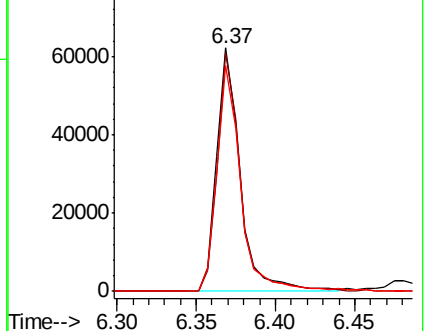
106 92.8 77.3 117.3



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: 38.914 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

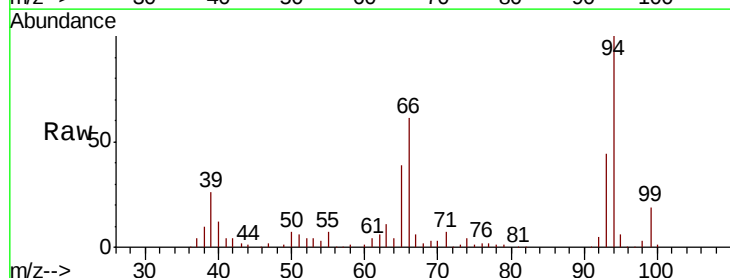
Tgt Ion: 94 Resp: 128873

Ion Ratio Lower Upper

94 100

65 39.3 12.5 52.5

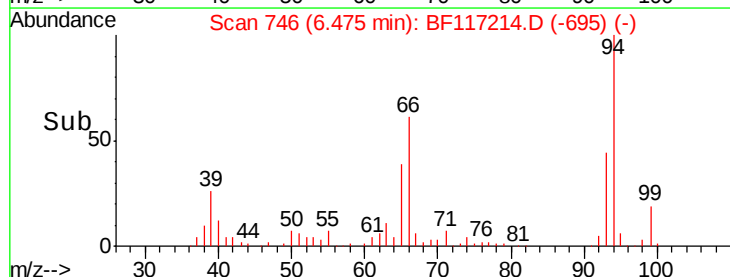
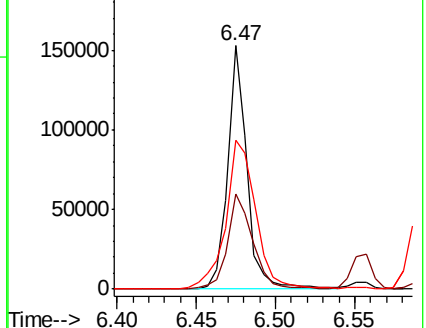
66 61.4 28.9 68.9

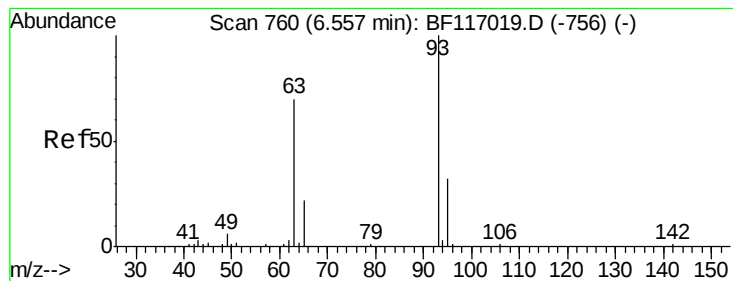


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

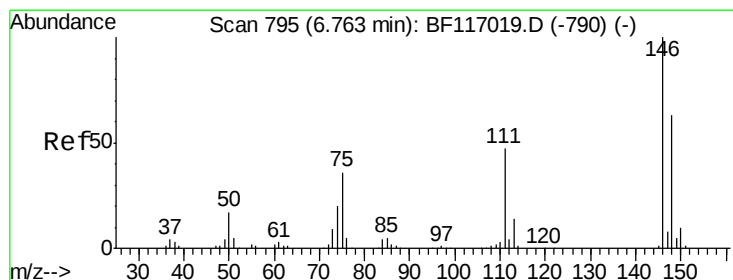
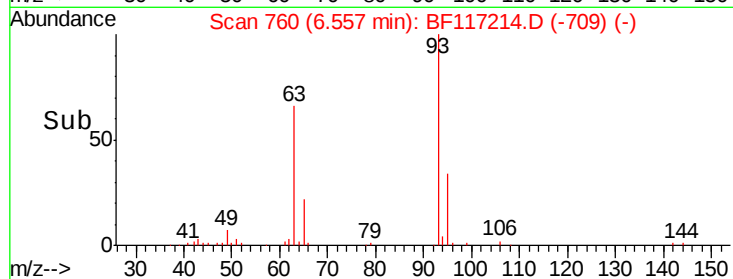
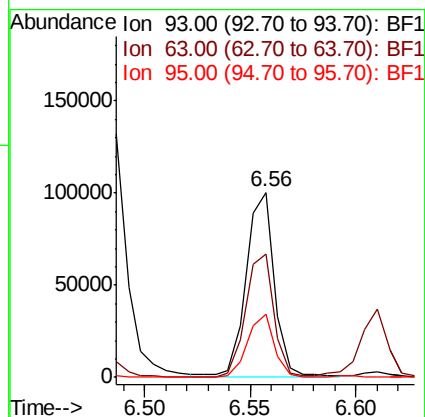
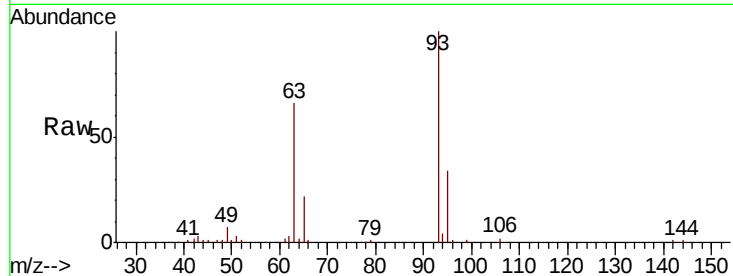




#11
bis(2-Chloroethyl)ether
Concen: 38.836 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

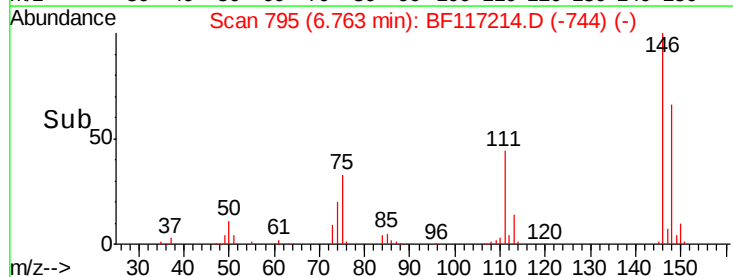
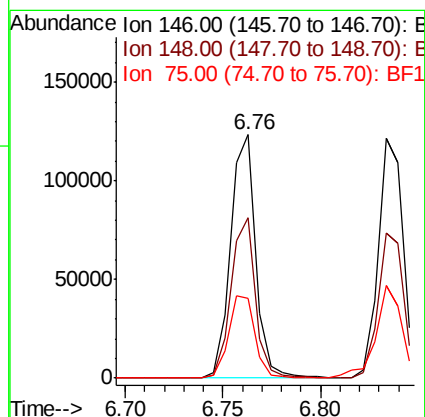
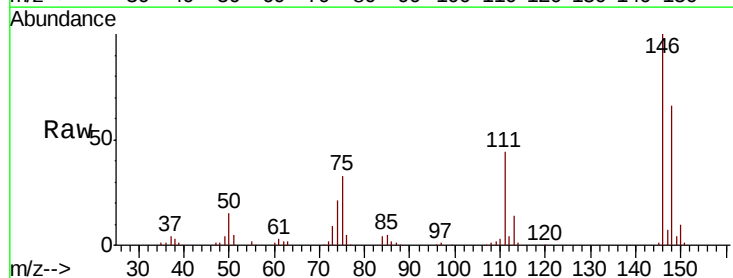
Instrument :
BNA_F
ClientSampleId :

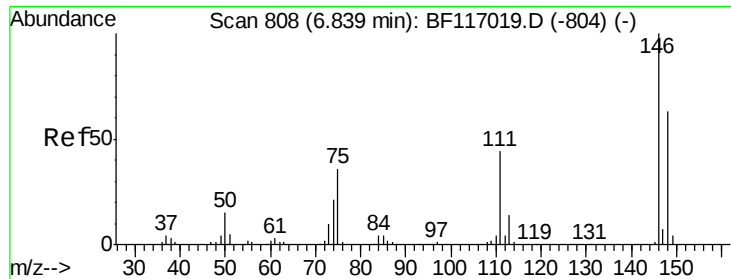
Tot Ion	93.00	Resp:	94527
Ion	Ratio	Lower	Upper
93	100		
63	66.3	49.3	89.3
95	34.2	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 39.148 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Tgt Ion	146	Resp:	110159
Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.8	76.2
75	33.0	28.7	43.1

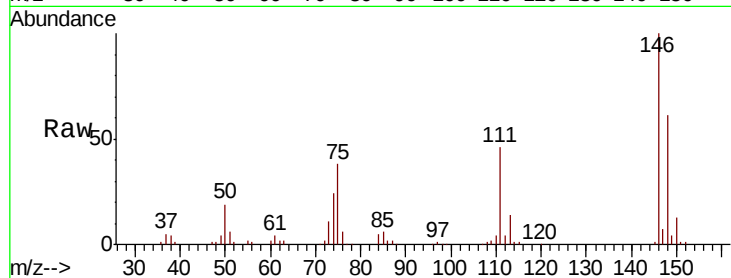




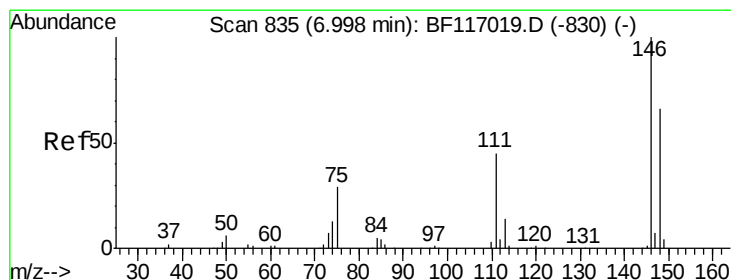
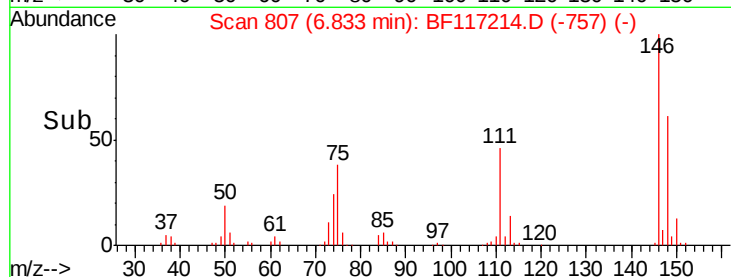
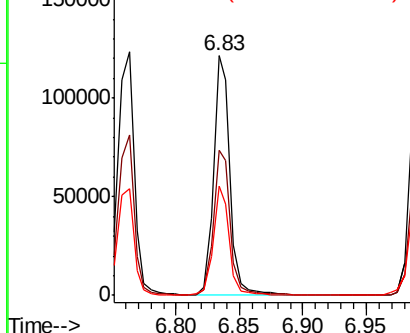
#13
 1,4-Dichlorobenzene
 Concen: 39.025 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 112066
 Ion Ratio Lower Upper
 146 100
 148 60.7 50.6 76.0
 111 45.6 35.0 52.6

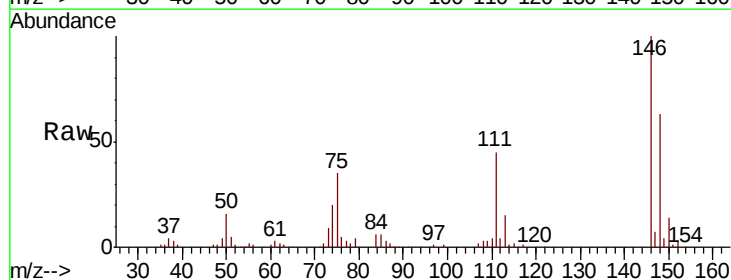


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

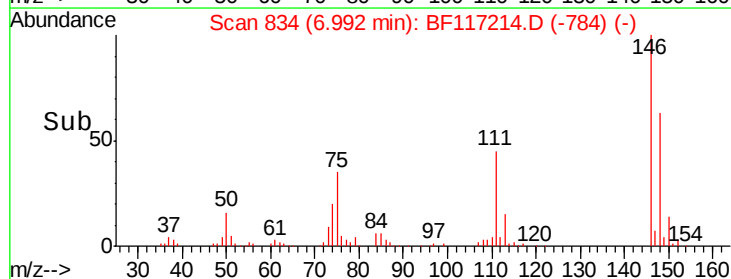
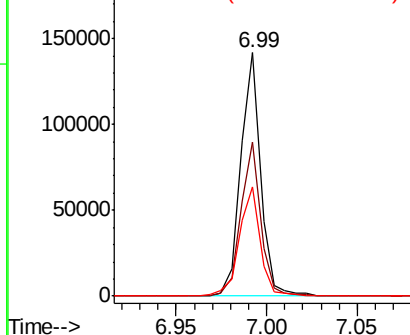


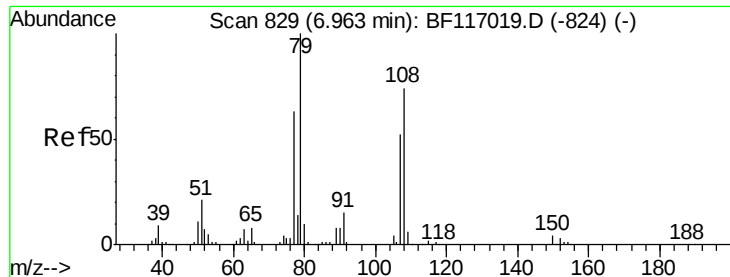
#14
 1,2-Dichlorobenzene
 Concen: 40.566 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

Tgt Ion:146 Resp: 108459
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.6 78.8
 111 45.0 36.2 54.2



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





#15

Benzyl Alcohol

Concen: 41.603 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

Instrument :

BNA_F

ClientSampled :

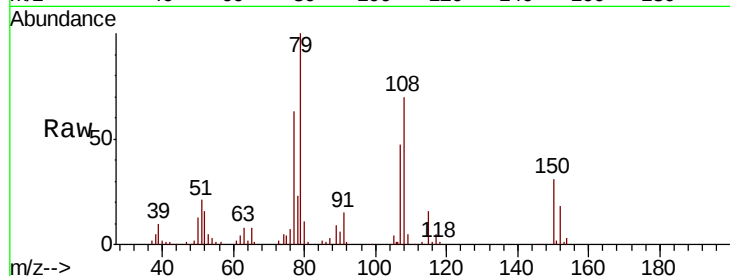
Tot Ion: 79 Resp: 95840

Ion Ratio Lower Upper

79 100

108 69.9 59.4 89.0

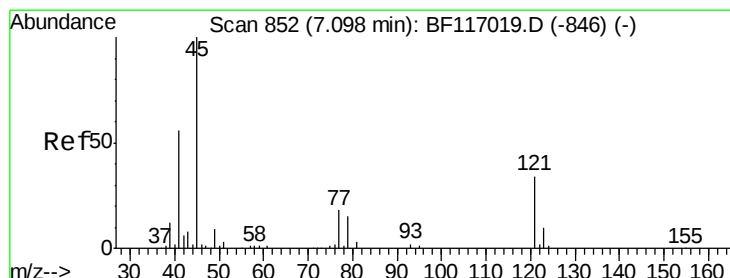
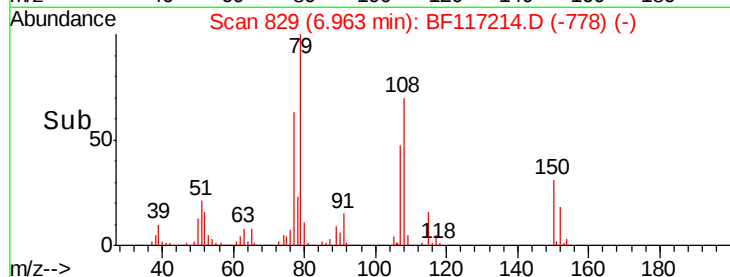
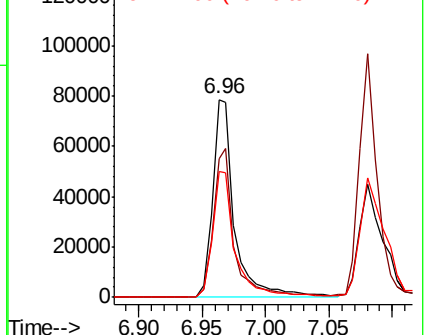
77 63.3 50.2 75.2



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: 37.679 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

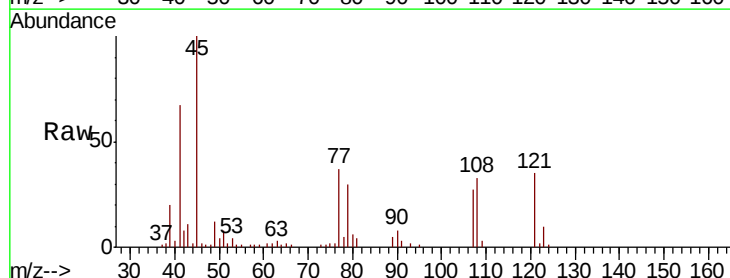
Tgt Ion: 45 Resp: 90609

Ion Ratio Lower Upper

45 100

77 37.4 2.7 42.7

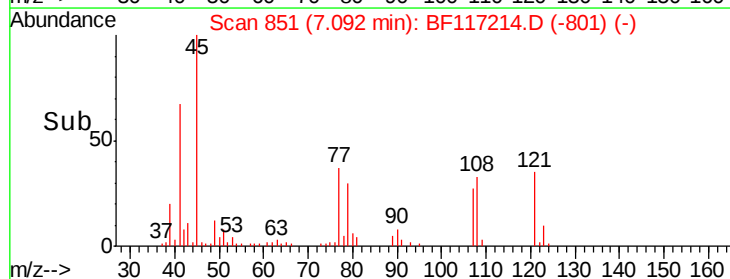
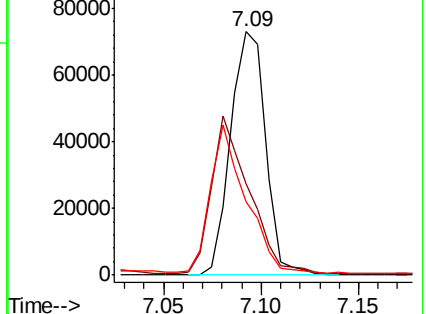
79 30.4 0.0 38.9

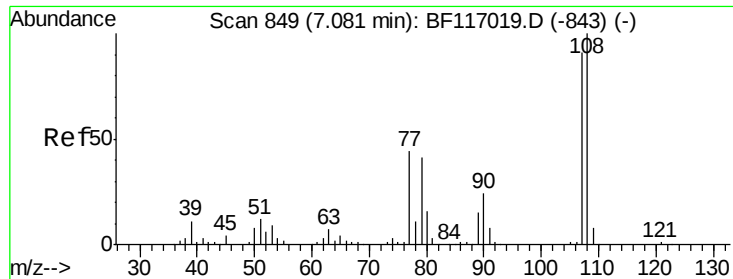


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

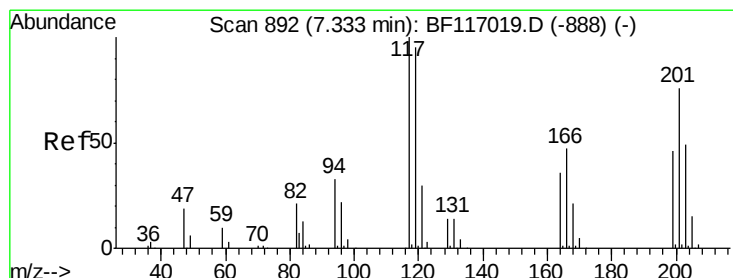
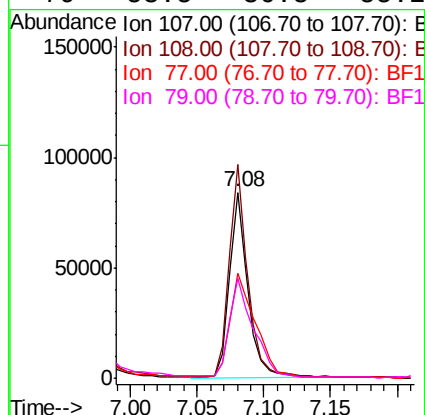
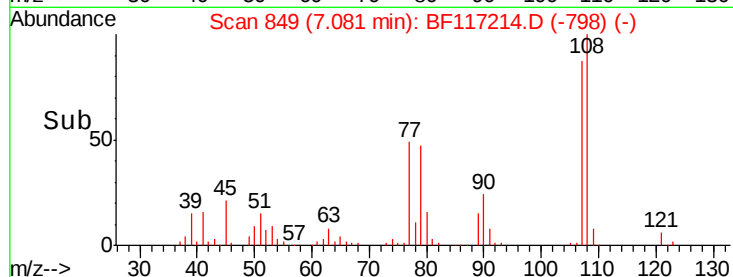
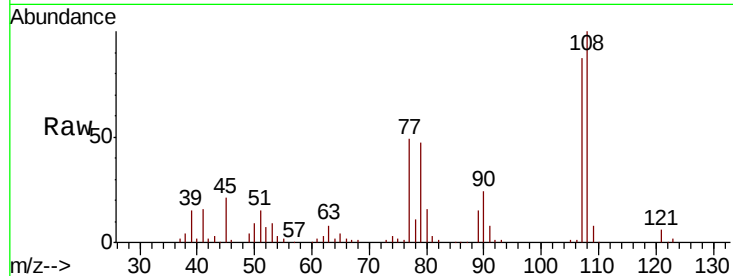




#17
2-Methylphenol
Concen: 39.298 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

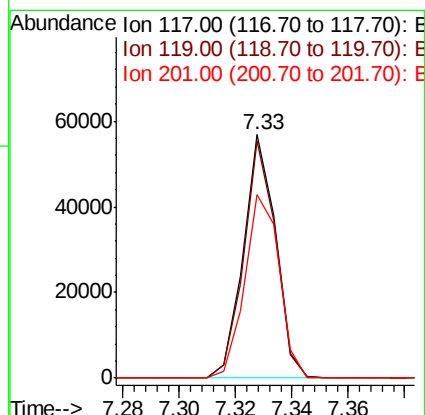
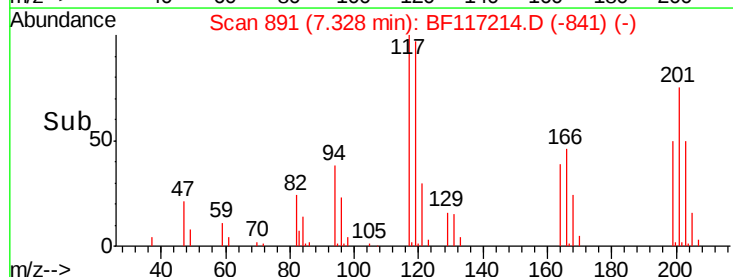
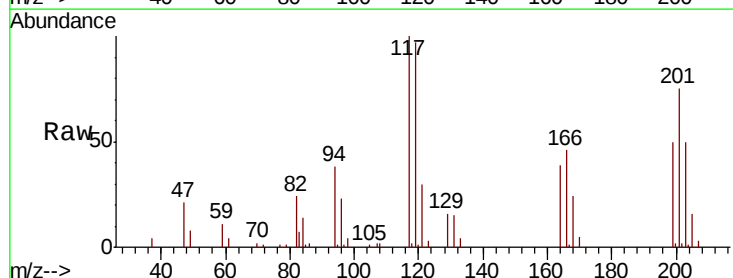
Instrument :
BNA_F
ClientSampled :

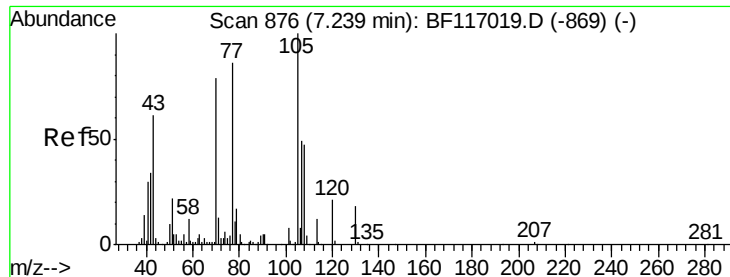
Tot Ion:	107	Resp:	82591
Ion	Ratio	Lower	Upper
107	100		
108	114.8	87.7	131.5
77	56.4	38.6	58.0
79	53.5	36.8	55.2



#18
Hexachloroethane
Concen: 40.862 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Tgt Ion:	117	Resp:	45142
Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.8	113.8
201	75.3	60.9	91.3

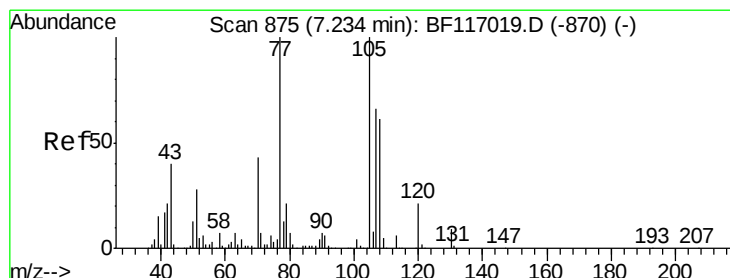
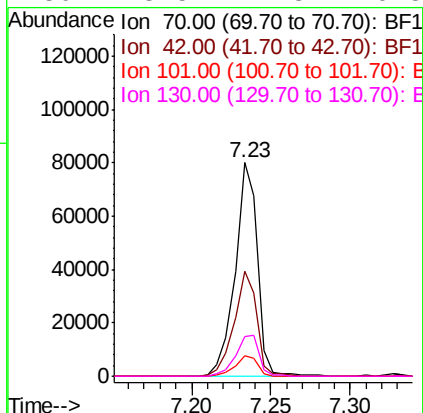
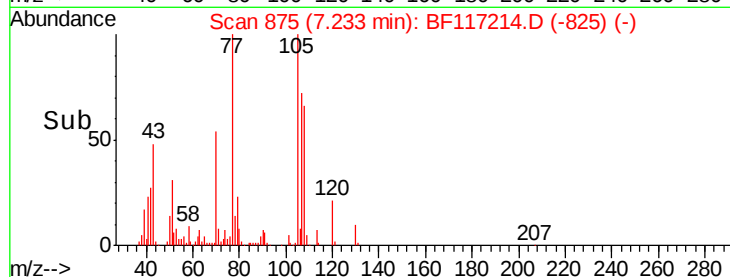
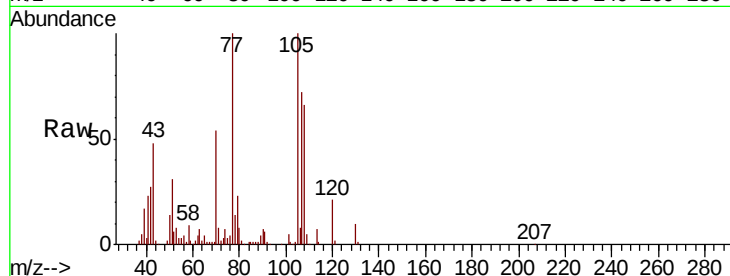




#19
n-Nitroso-di-n-propylamine
Concen: 42.689 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

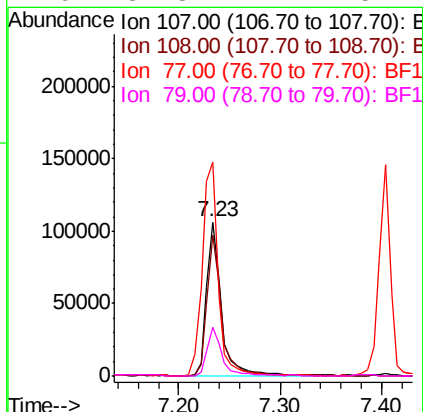
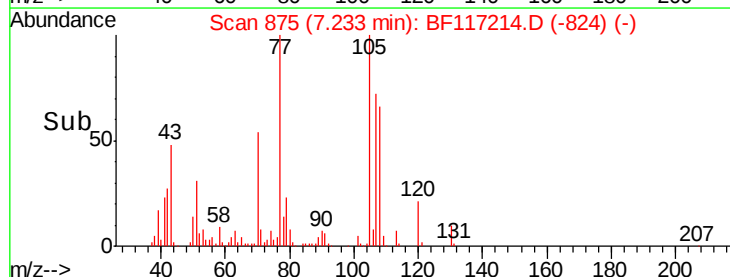
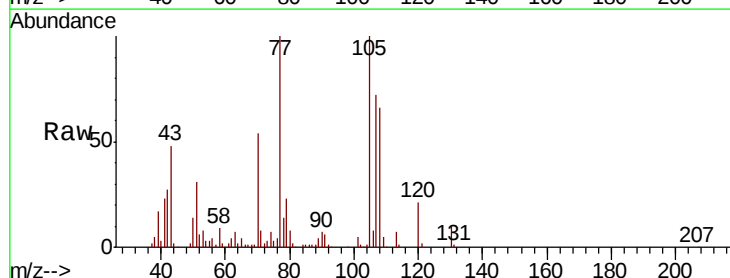
Instrument :
BNA_F
ClientSampleId :

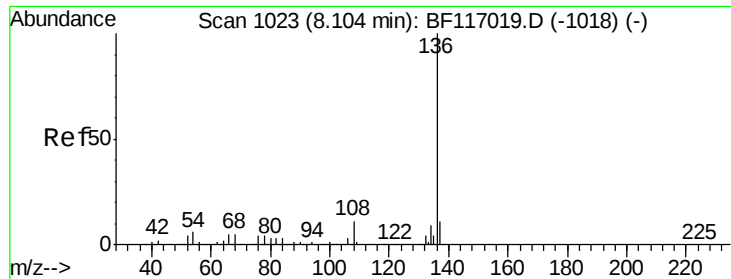
Tot Ion:	70	Resp:	78089
Ion	Ratio	Lower	Upper
70	100		
42	49.2	34.0	51.0
101	9.5	7.8	11.6
130	18.5	17.8	26.8



#20
3+4-Methylphenols
Concen: 41.693 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Tgt Ion:	107	Resp:	109145
Ion	Ratio	Lower	Upper
107	100		
108	91.2	72.6	112.6
77	138.8	132.1	172.1
79	31.8	12.1	52.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 155916

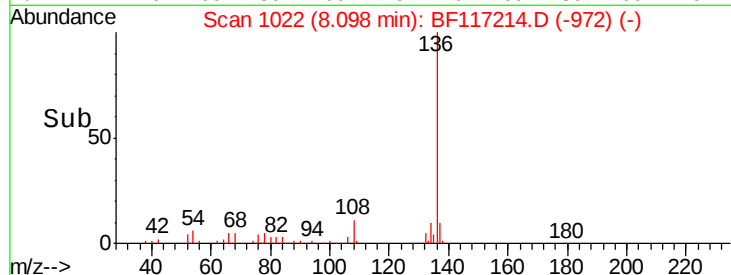
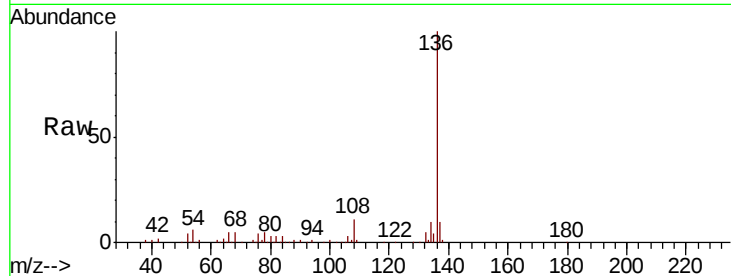
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 6.3 4.5 6.7

68 4.6 4.0 6.0

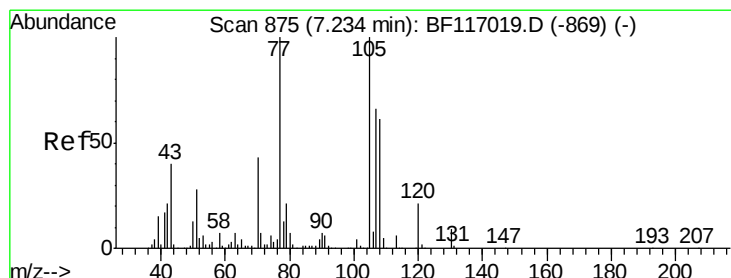
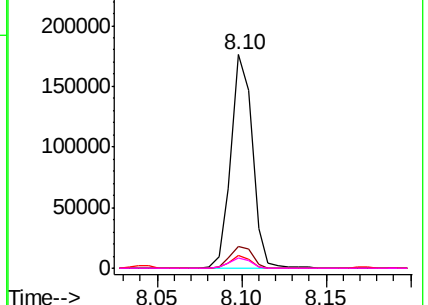


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.429 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

Tgt Ion:105 Resp: 160154

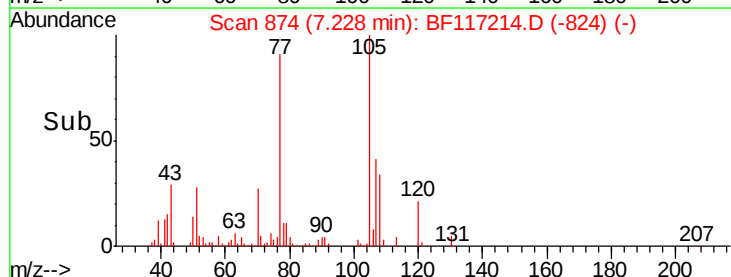
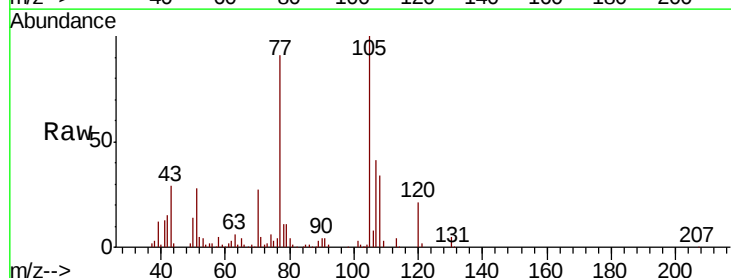
Ion Ratio Lower Upper

105 100

71 4.6 5.7 8.5#

51 28.2 22.1 33.1

120 20.7 17.1 25.7

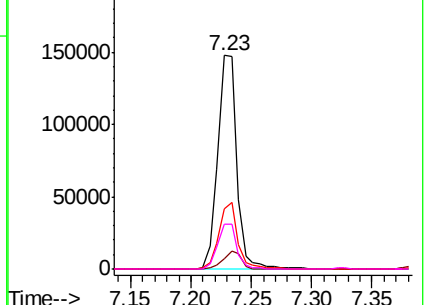


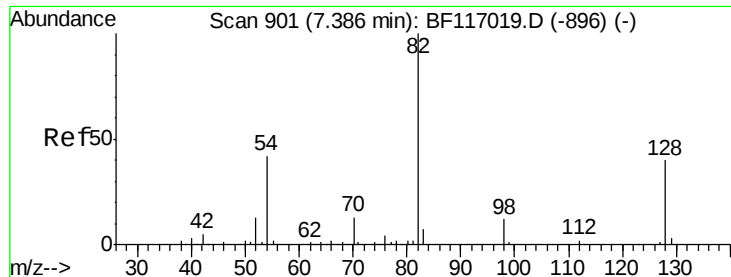
Abundance Ion 105.00 (104.70 to 105.70): E

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

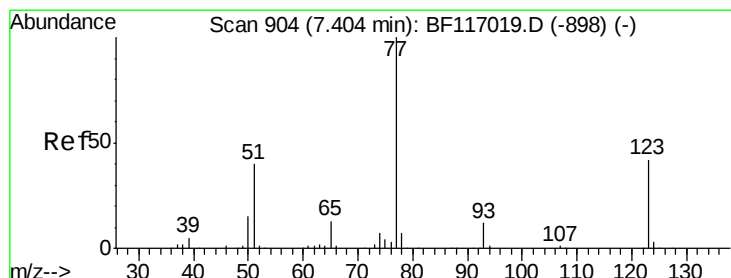
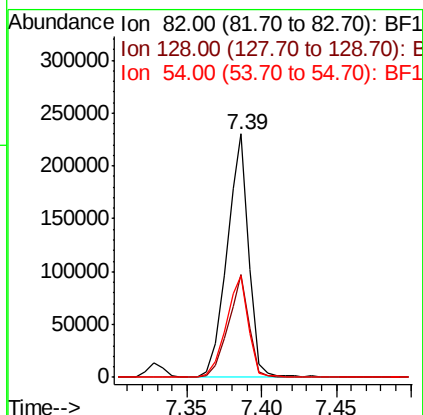
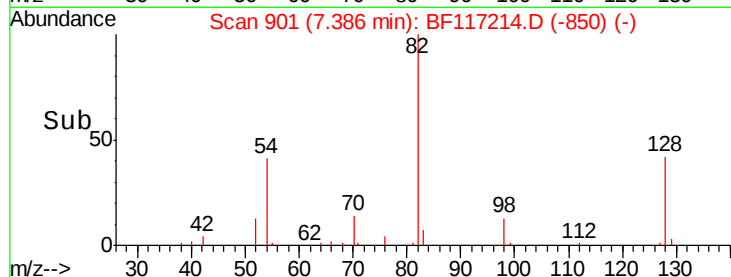
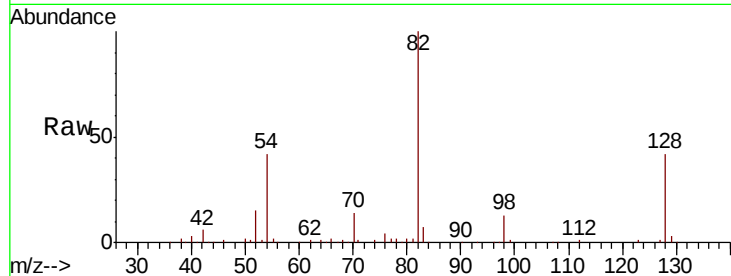




#23
 Nitrobenzene-d5
 Concen: 79.652 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

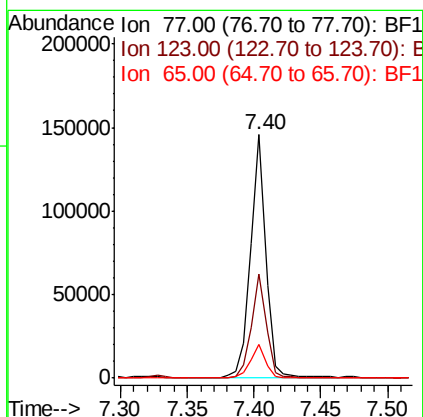
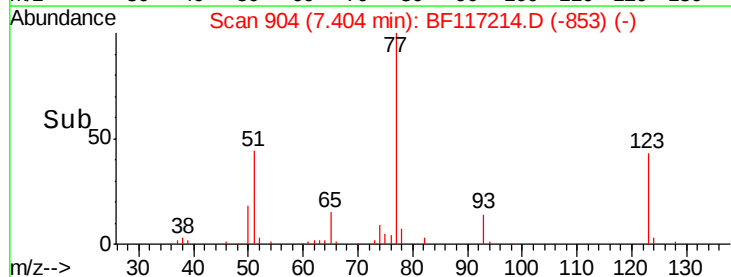
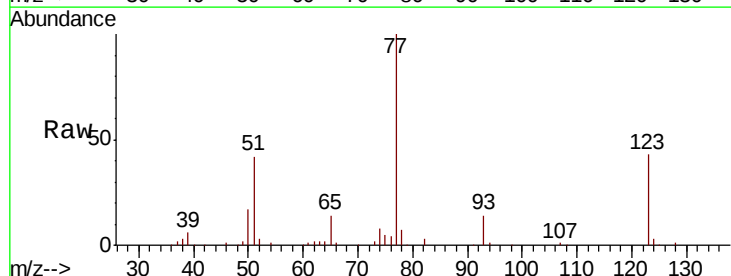
Instrument :
 BNA_F
 ClientSampleId :

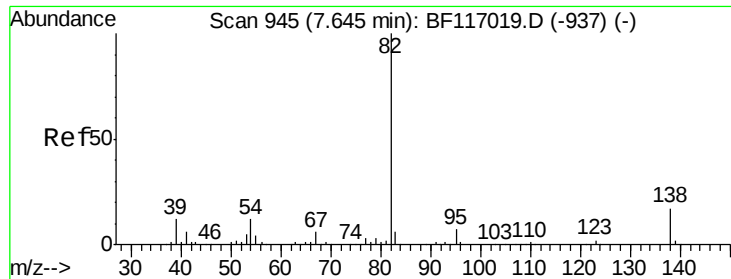
Tot Ion	82	Resp	236361
Ion Ratio	100	Lower	Upper
128	42.1	32.3	48.5
54	41.7	33.3	49.9



#24
 Nitrobenzene
 Concen: 38.685 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

Tgt Ion	77	Resp	113364
Ion Ratio	100	Lower	Upper
123	42.6	33.5	50.3
65	14.1	10.5	15.7





#25

Isophorone

Concen: 39.443 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

Instrument :

BNA_F

ClientSampleId :

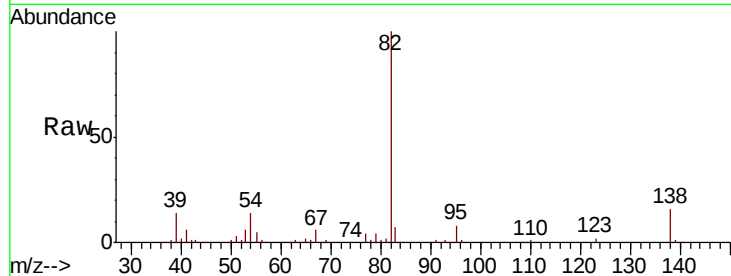
Tot Ion: 82 Resp: 207235

Ion Ratio Lower Upper

82 100

95 7.8 5.8 8.6

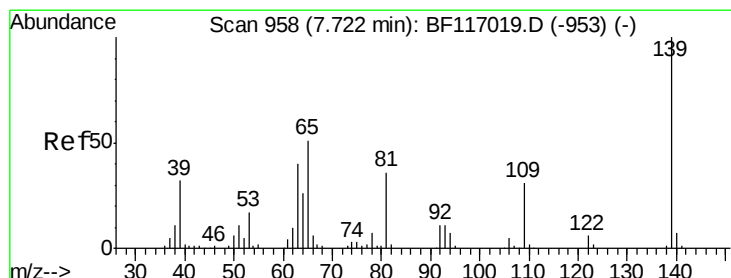
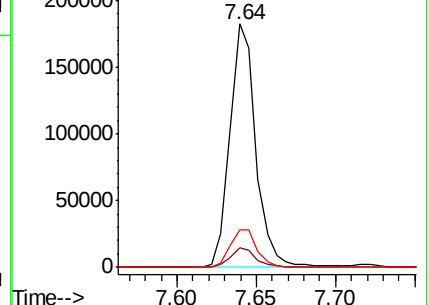
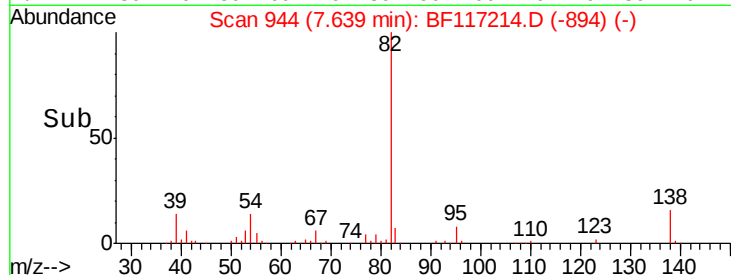
138 15.6 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.093 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

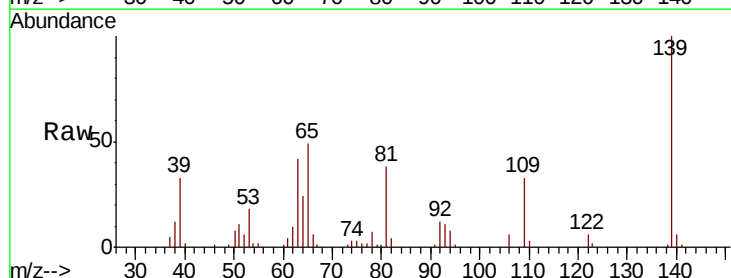
Tgt Ion: 139 Resp: 49208

Ion Ratio Lower Upper

139 100

109 33.4 24.6 36.8

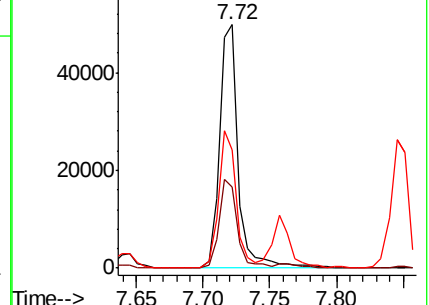
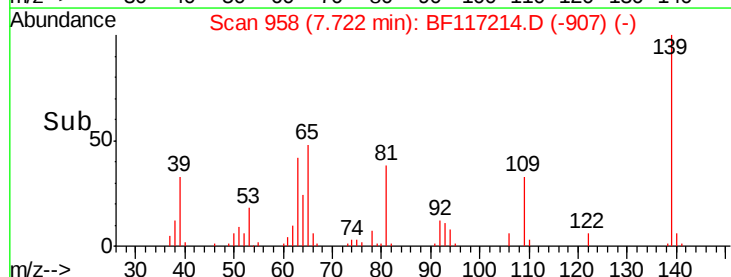
65 48.5 40.9 61.3

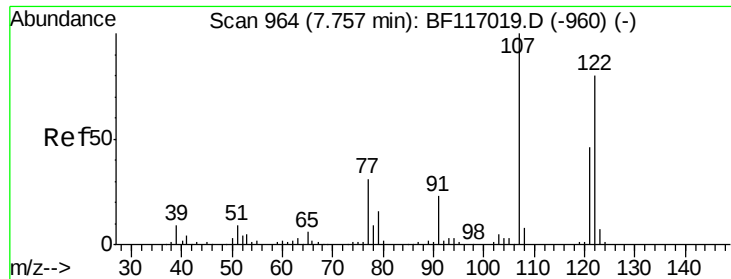


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

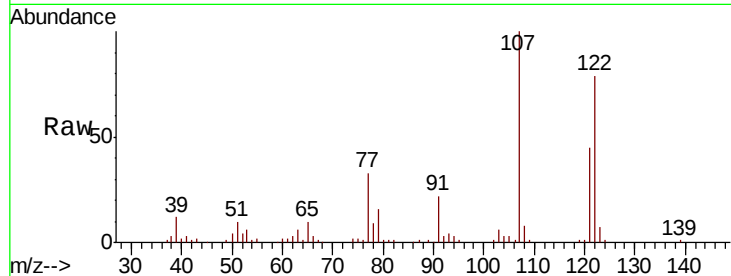




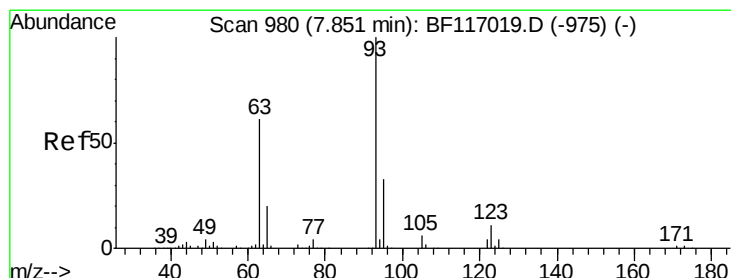
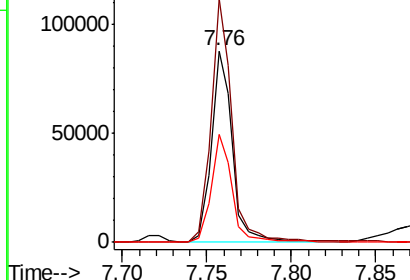
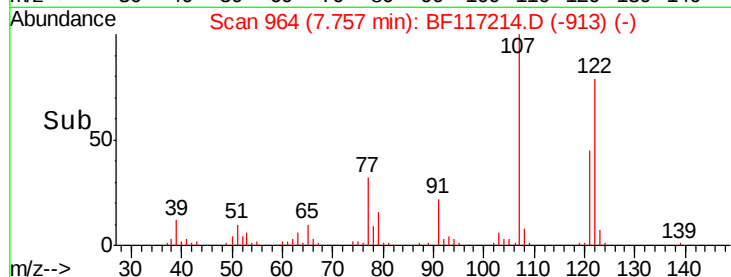
#27
 2,4-Dimethylphenol
 Concen: 38.850 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 77549
 Ion Ratio Lower Upper
 122 100
 107 127.2 98.9 148.3
 121 56.7 45.3 67.9

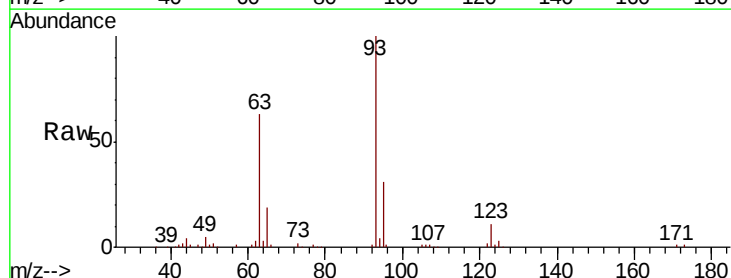


Abundance Ion 122.00 (121.70 to 122.70): E
 150000 Ion 107.00 (106.70 to 107.70): E
 100000 Ion 121.00 (120.70 to 121.70): E

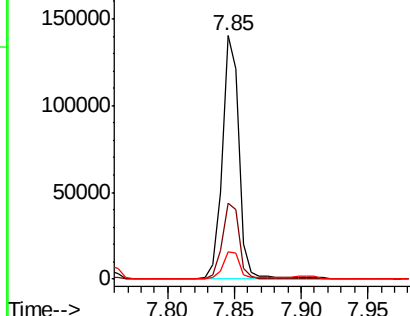
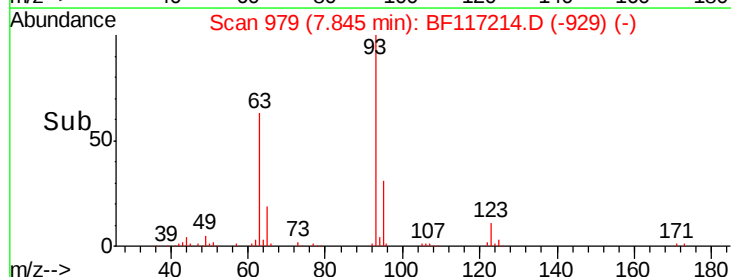


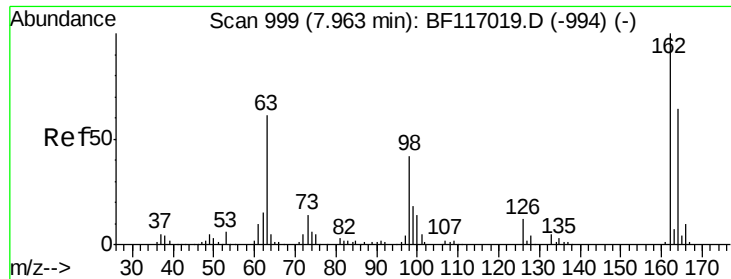
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.573 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

Tgt Ion: 93 Resp: 124863
 Ion Ratio Lower Upper
 93 100
 95 31.3 26.2 39.4
 123 11.2 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 150000 Ion 95.00 (94.70 to 95.70): BF1
 100000 Ion 123.00 (122.70 to 123.70): E

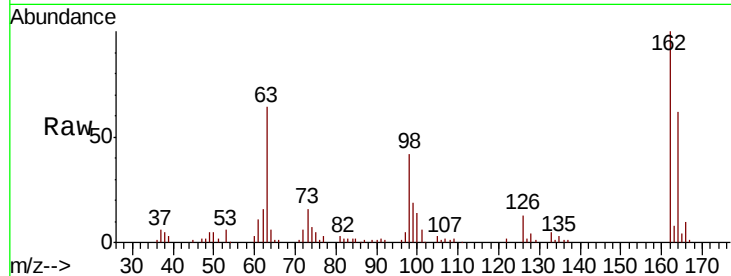




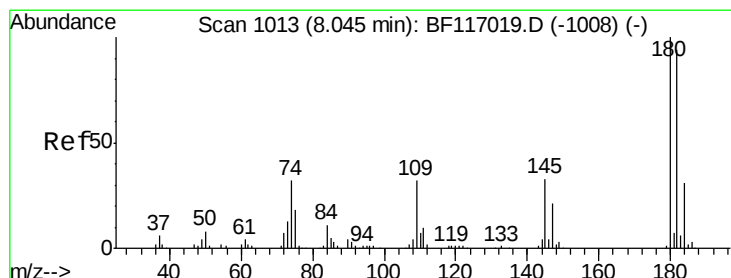
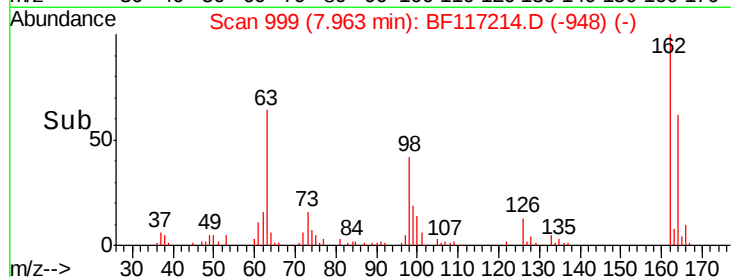
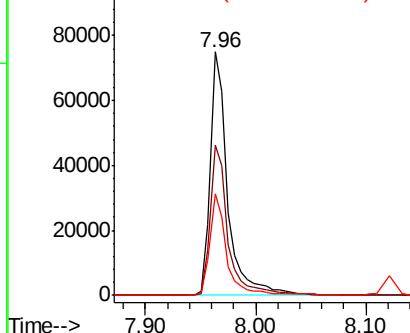
#29
 2,4-Dichlorophenol
 Concen: 38.415 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.7	43.8	83.8
98	41.8	22.1	62.1

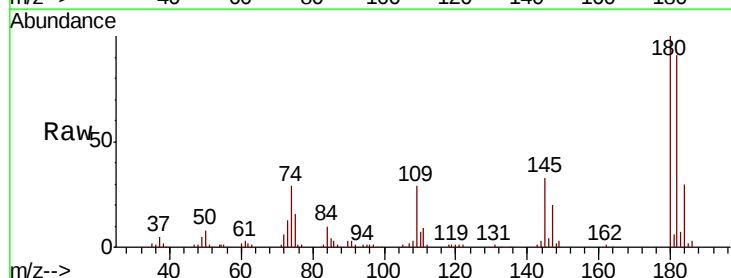


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

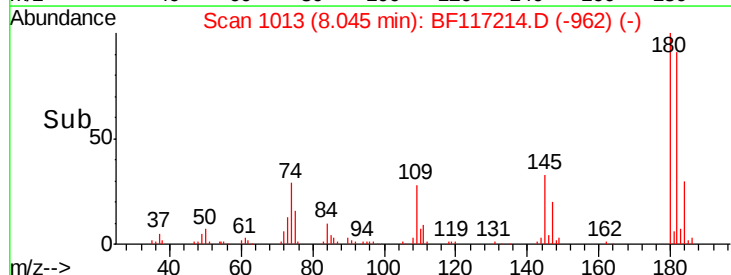
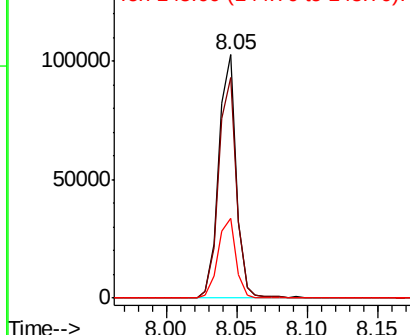


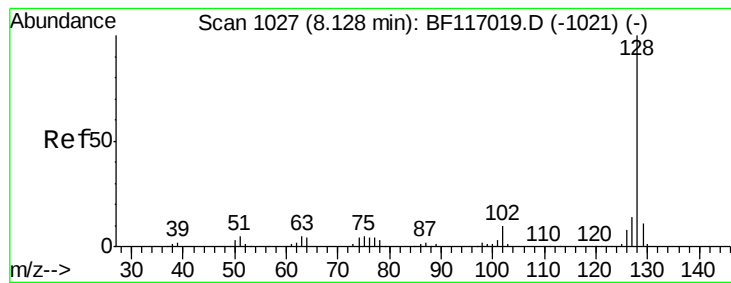
#30
 1,2,4-Trichlorobenzene
 Concen: 39.432 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.7	75.4	113.0
145	32.8	26.7	40.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.394 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

Instrument :

BNA_F

ClientSampled :

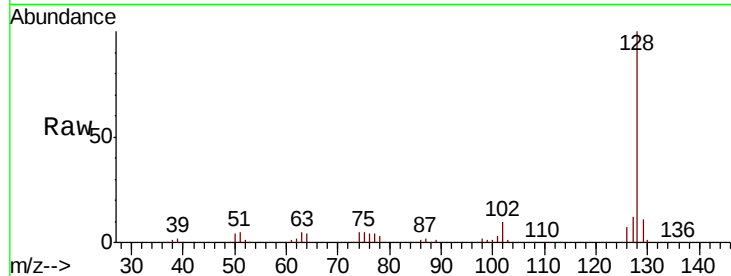
Tot Ion:128 Resp: 295400

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

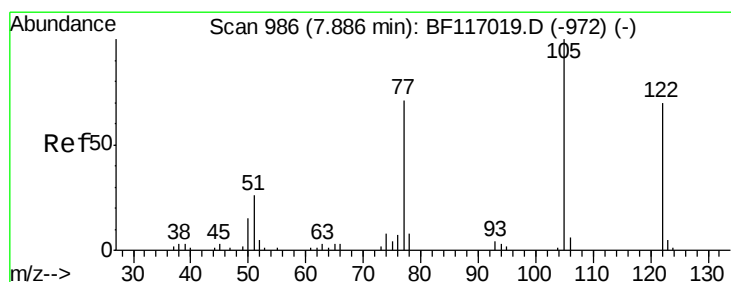
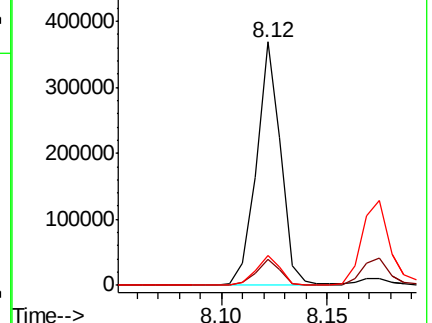
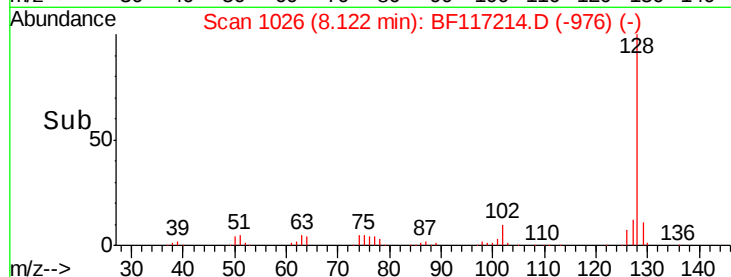
127 12.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.209 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.02 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

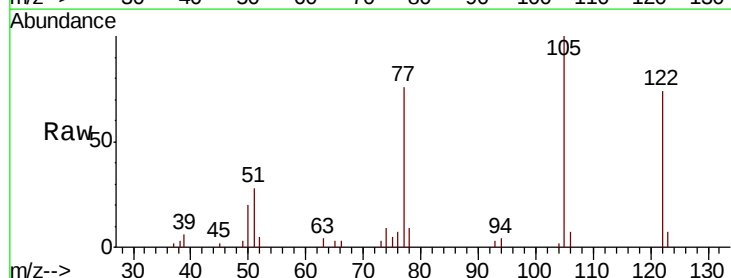
Tgt Ion:122 Resp: 46503

Ion Ratio Lower Upper

122 100

105 135.2 114.8 154.8

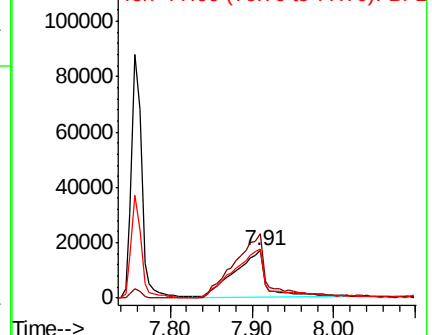
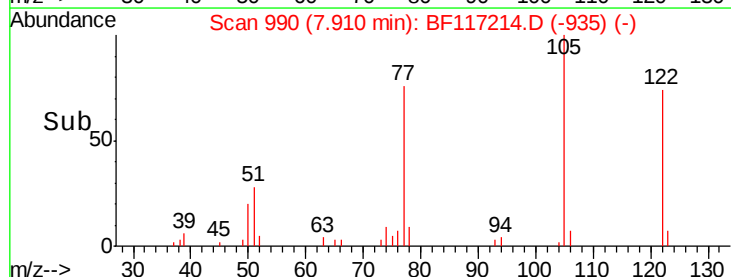
77 102.3 78.7 118.7

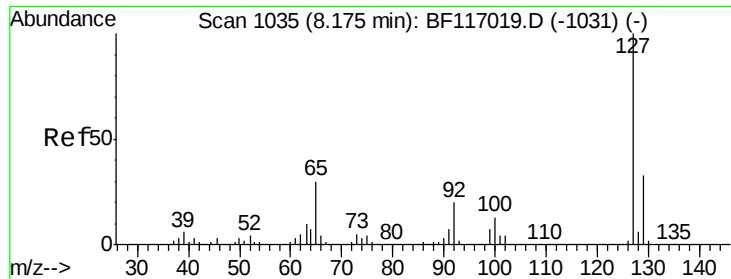


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

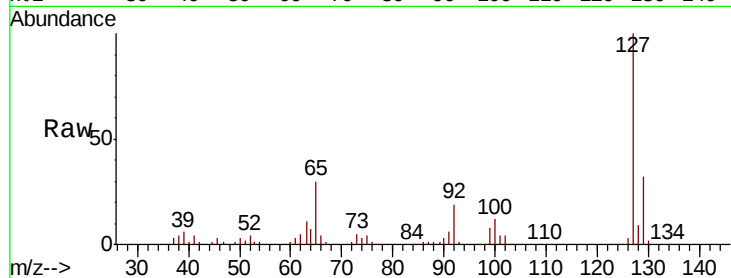




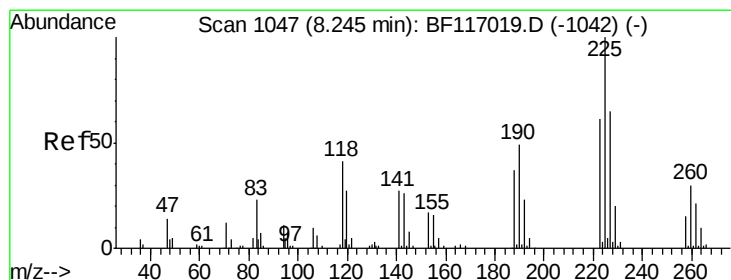
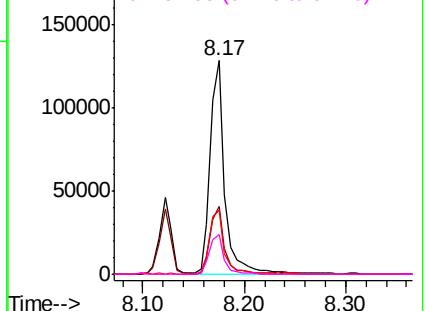
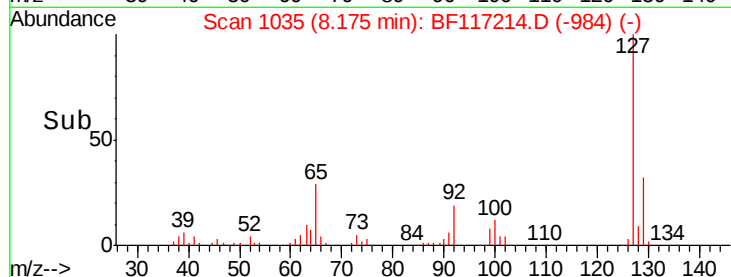
#33
4-Chloroaniline
Concen: 38.576 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	128298
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	30.1	23.5	35.3
92	18.6	15.9	23.9

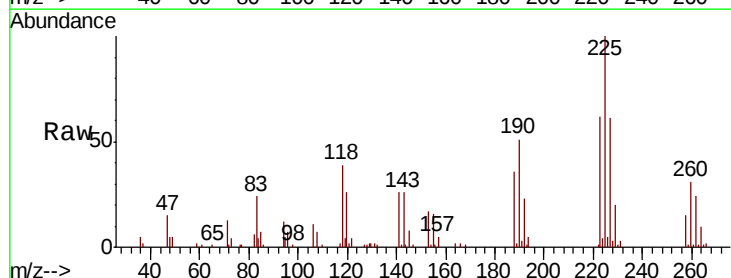


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

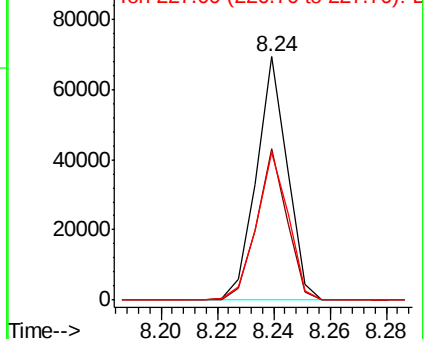
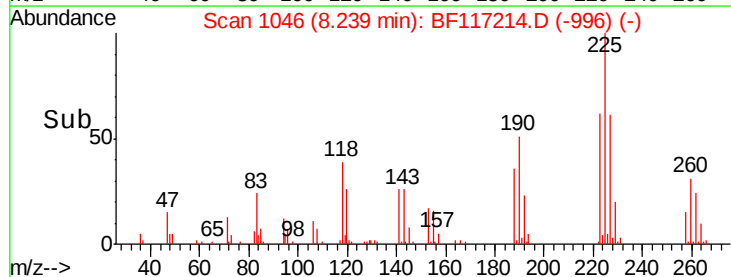


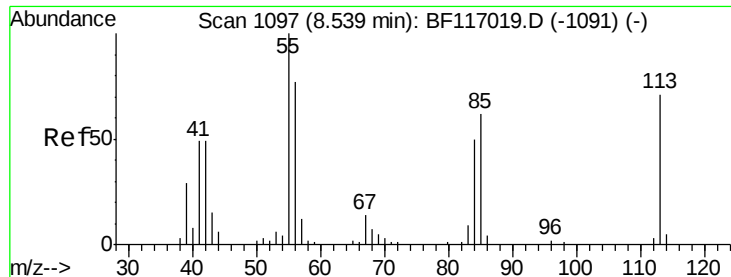
#34
Hexachlorobutadiene
Concen: 41.023 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Tgt Ion:	225	Resp:	52591
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.1	73.7
227	60.6	52.2	78.2



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

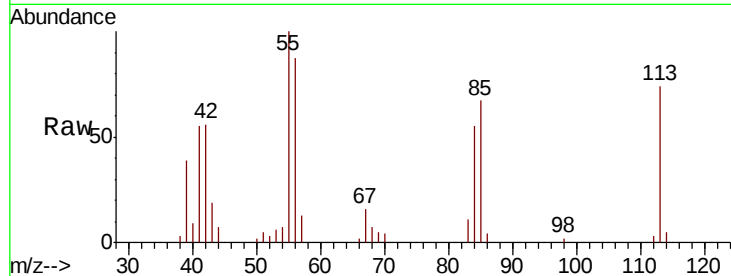




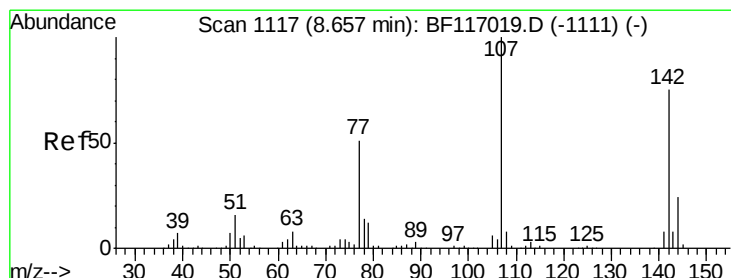
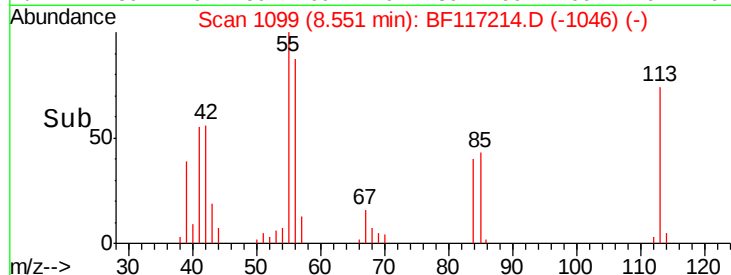
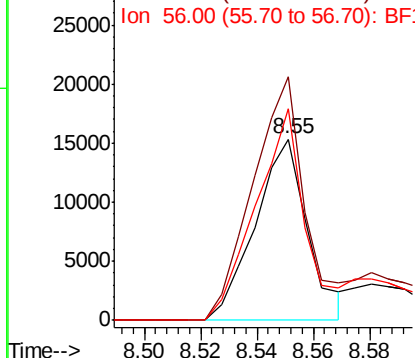
#35
Caprolactam
Concen: 27.731 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 19632
Ion Ratio Lower Upper
113 100
55 134.3 120.6 160.6
56 116.5 88.8 128.8

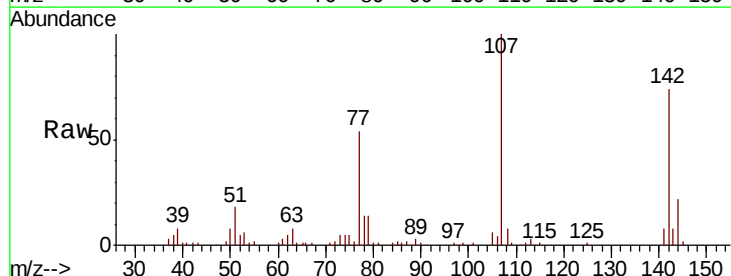


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

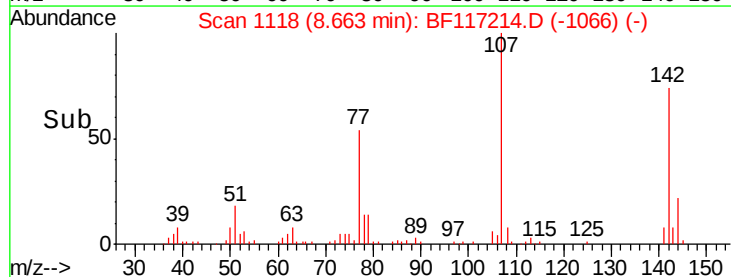
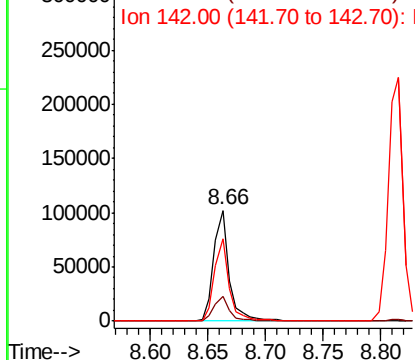


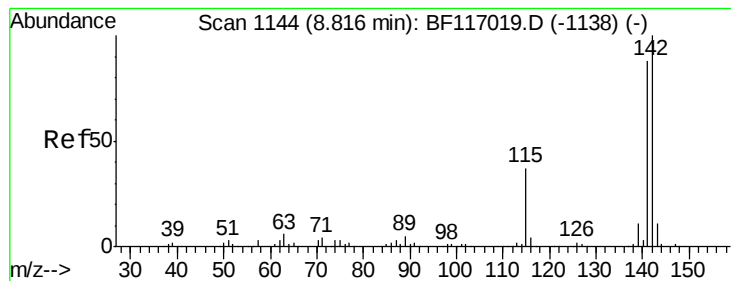
#36
4-Chloro-3-methylphenol
Concen: 39.099 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Tgt Ion:107 Resp: 95354
Ion Ratio Lower Upper
107 100
144 22.4 19.2 28.8
142 73.8 59.6 89.4



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

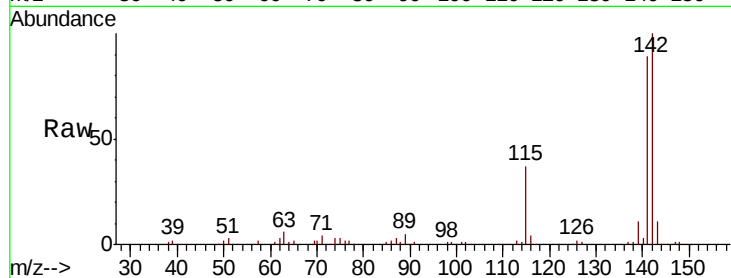




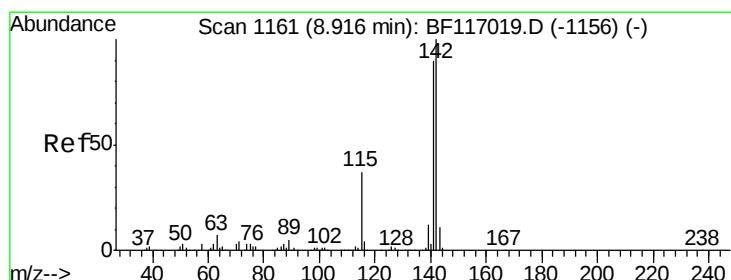
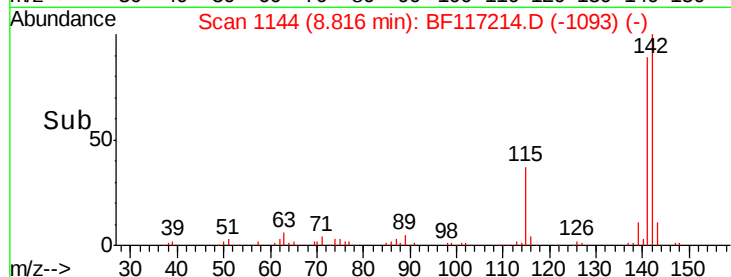
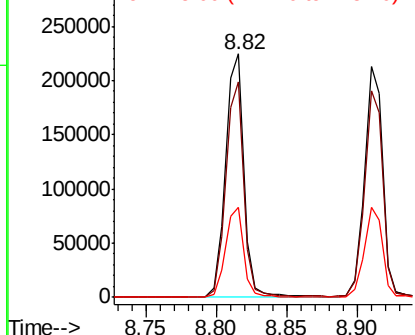
#37
2-Methylnaphthalene
Concen: 40.363 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.7	106.1
115	36.9	29.4	44.0

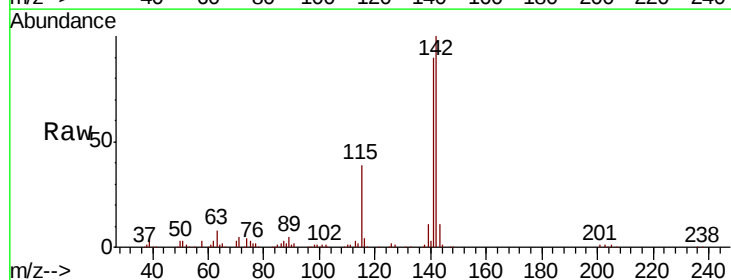


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

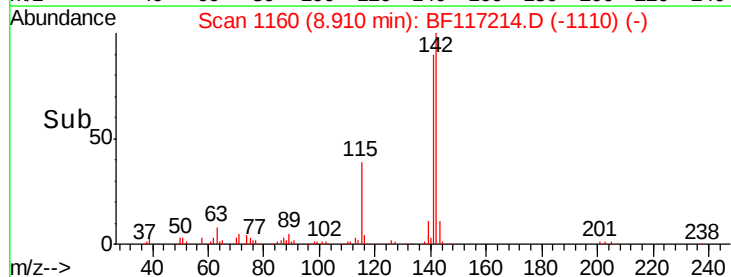
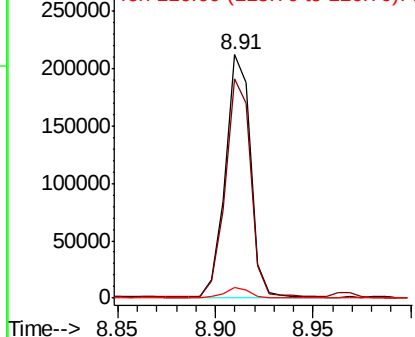


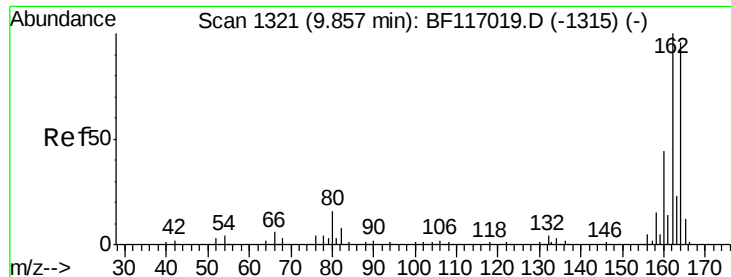
#38
1-Methylnaphthalene
Concen: 40.319 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.9	107.9
116	4.2	3.2	4.8



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

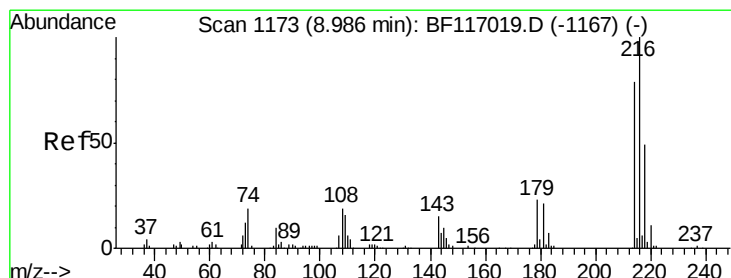
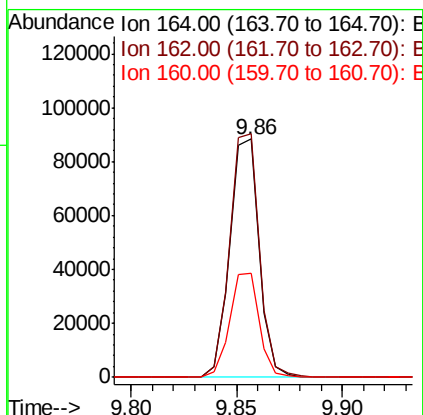
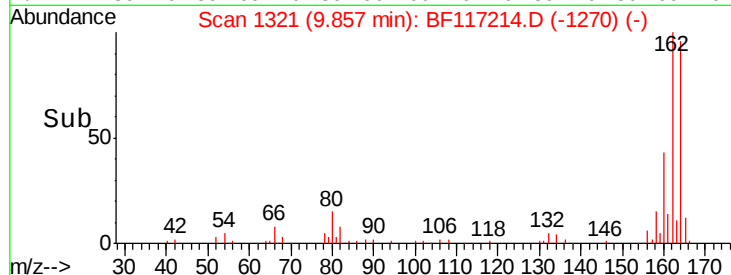
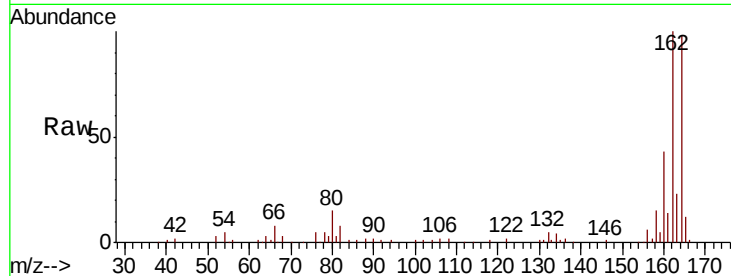




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

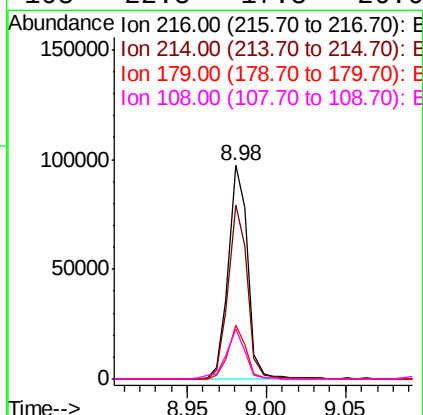
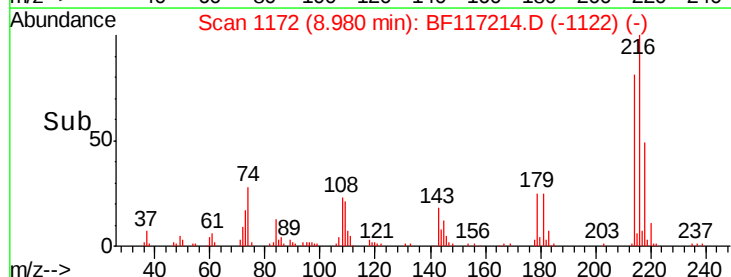
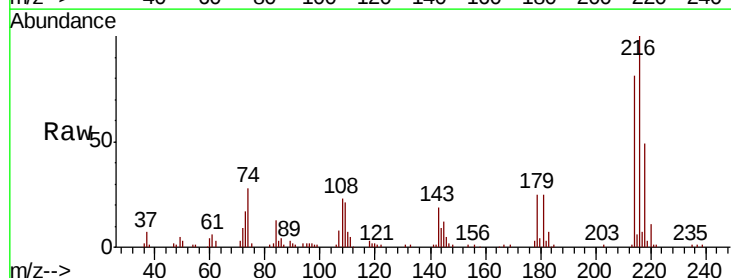
Instrument :
BNA_F
ClientSampleId :

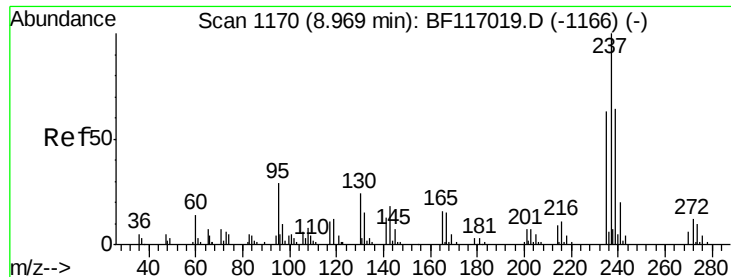
Tot Ion:164 Resp: 84199
Ion Ratio Lower Upper
164 100
162 102.1 83.4 125.2
160 43.5 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.276 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Tgt Ion:216 Resp: 83221
Ion Ratio Lower Upper
216 100
214 80.0 63.6 95.4
179 22.8 18.3 27.5
108 22.5 17.8 26.6





#41

Hexachlorocyclopentadiene

Concen: 33.968 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

Instrument :

BNA_F

ClientSampleId :

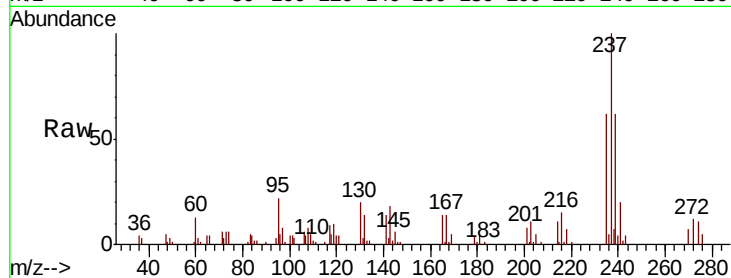
Tot Ion:237 Resp: 27834

Ion Ratio Lower Upper

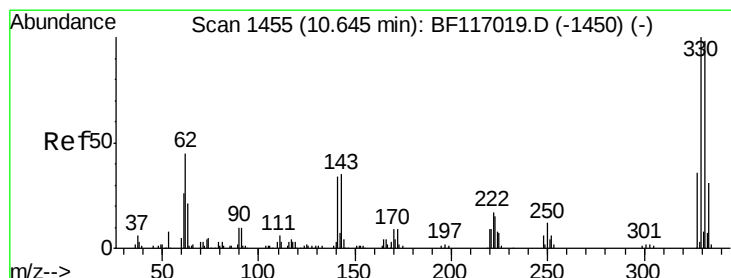
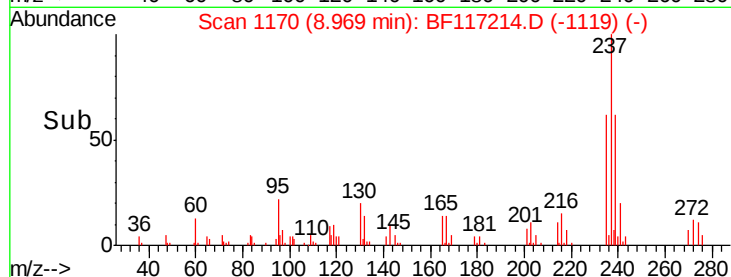
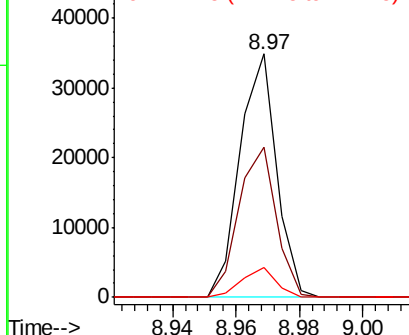
237 100

235 61.8 43.2 83.2

272 12.5 0.0 31.9



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



#42

2,4,6-Tribromophenol

Concen: 80.841 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

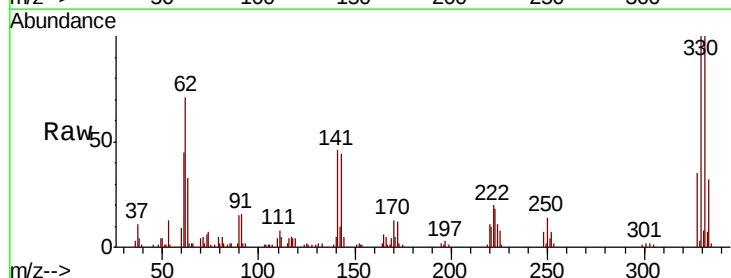
Tgt Ion:330 Resp: 56889

Ion Ratio Lower Upper

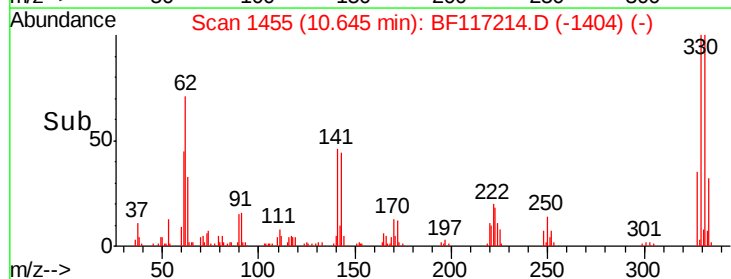
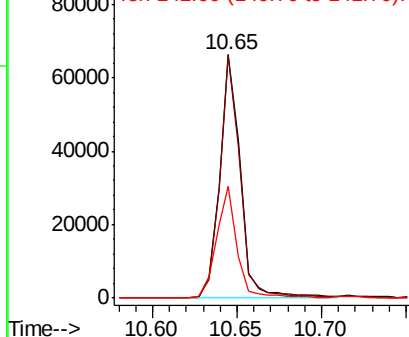
330 100

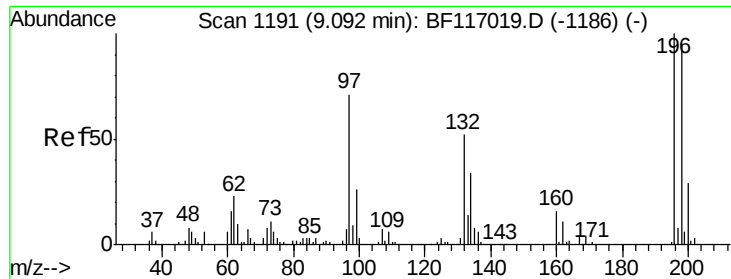
332 98.9 78.0 117.0

141 45.6 35.8 53.6



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

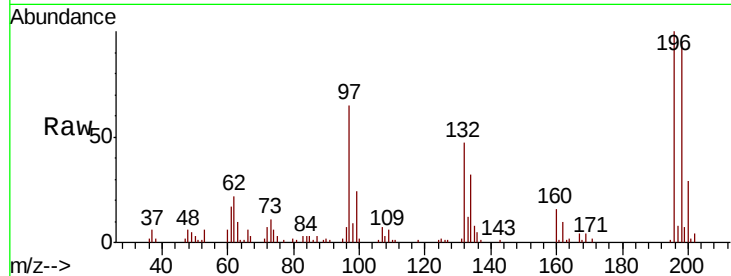




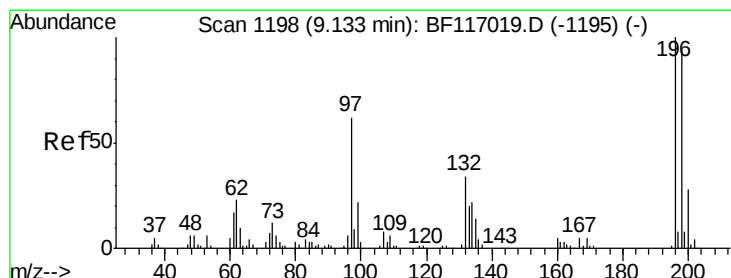
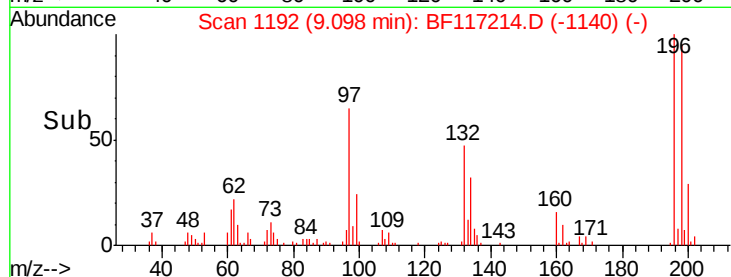
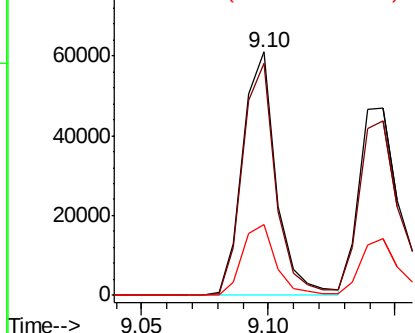
#43
 2,4,6-Trichlorophenol
 Concen: 38.202 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 56367
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.7 113.5
 200 29.1 23.3 34.9

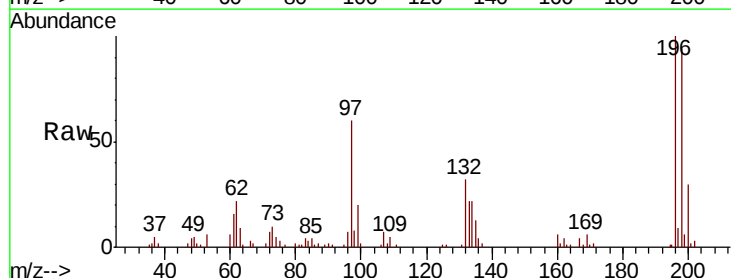


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

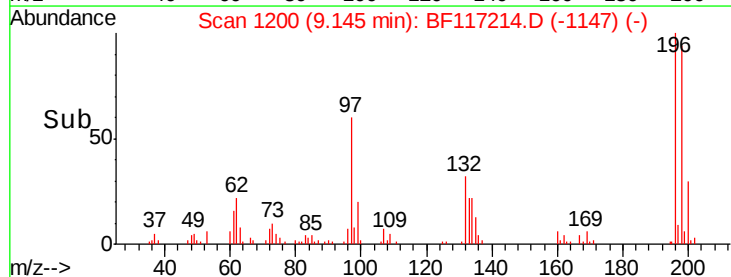
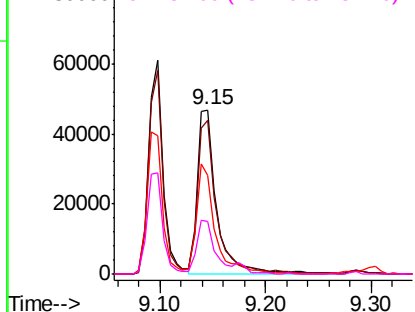


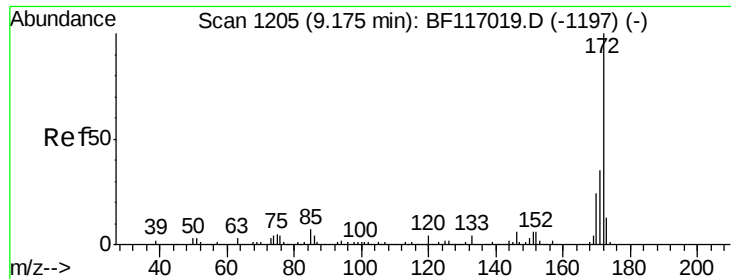
#44
 2,4,5-Trichlorophenol
 Concen: 37.583 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

Tgt Ion:196 Resp: 59248
 Ion Ratio Lower Upper
 196 100
 198 93.7 74.6 112.0
 97 59.9 49.5 74.3
 132 31.9 27.4 41.2



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

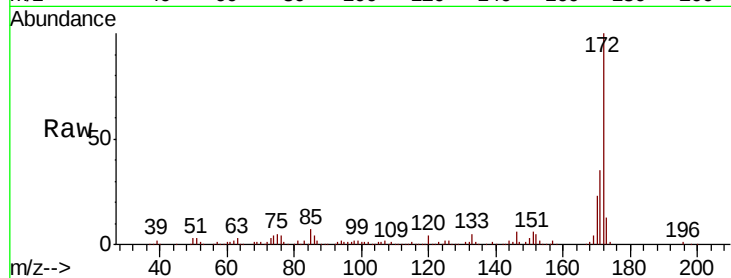




#45
2-Fluorobiphenyl
Concen: 83.148 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	23.3	18.9	28.3

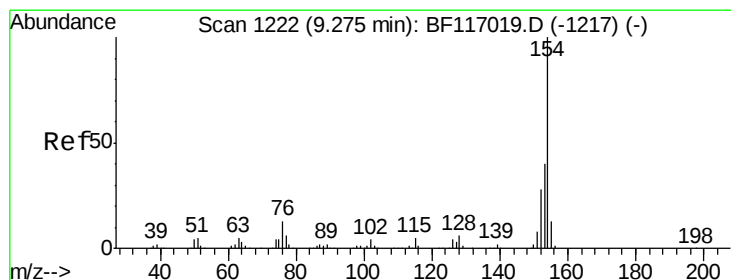
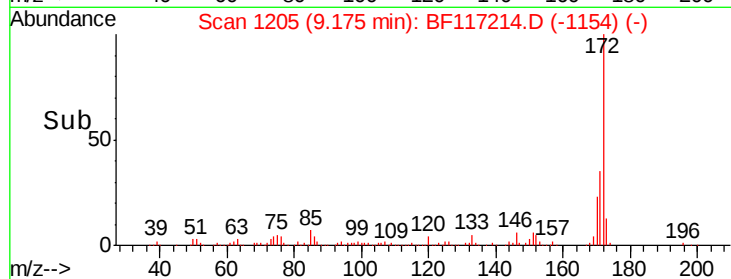
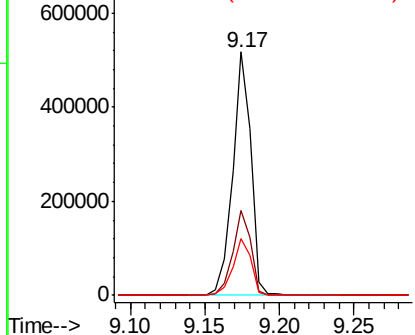


Abundance

Ion 172.00 (171.70 to 172.70): E

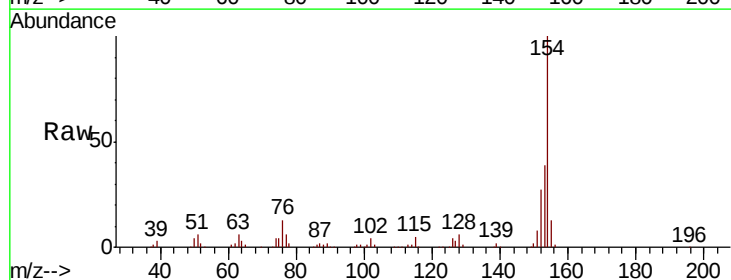
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 37.919 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.0	60.0
76	12.6	0.0	32.7

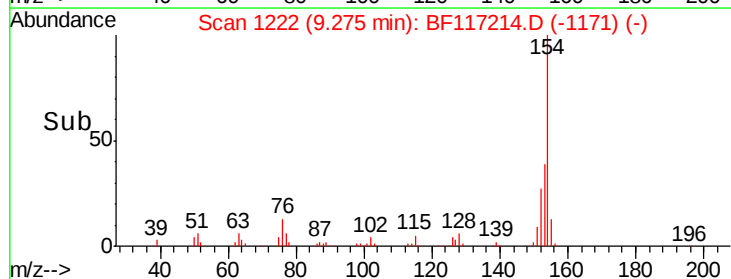
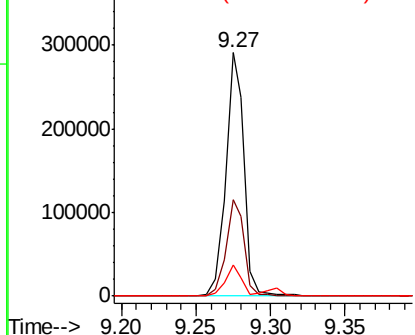


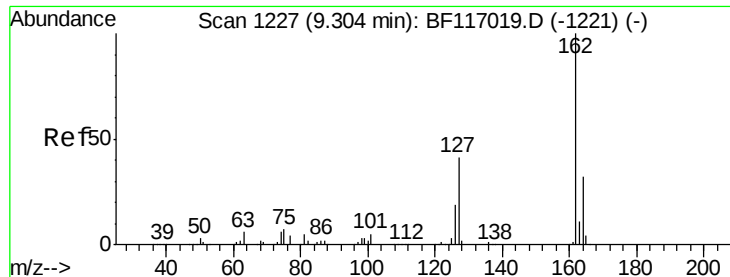
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

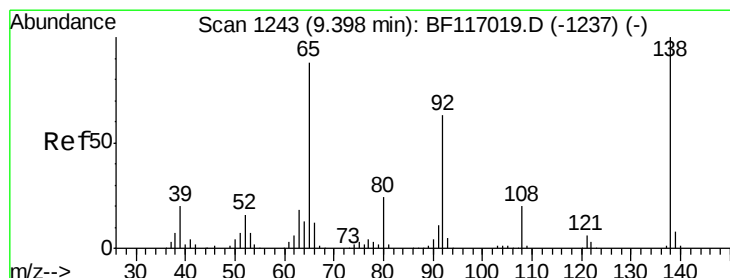
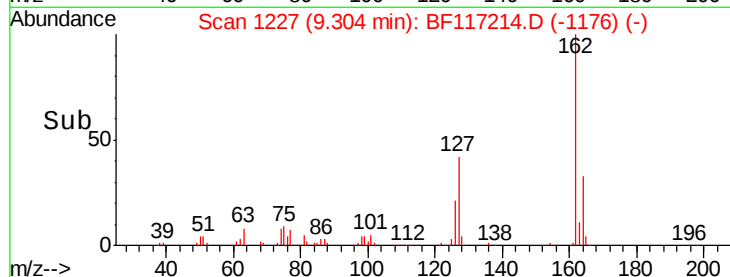
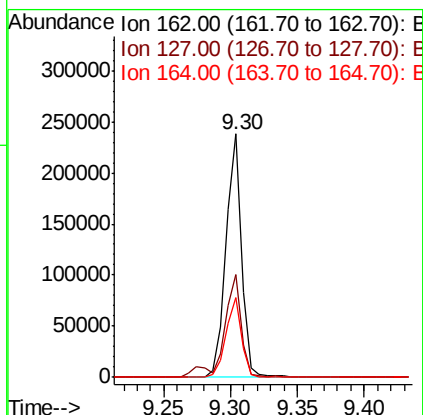
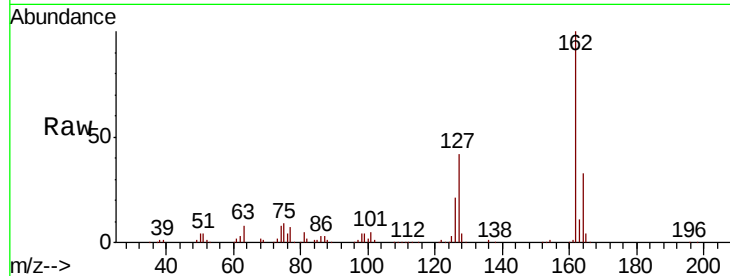




#47
 2-Chloronaphthalene
 Concen: 37.999 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

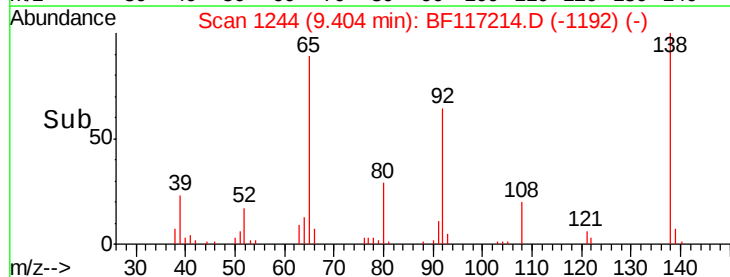
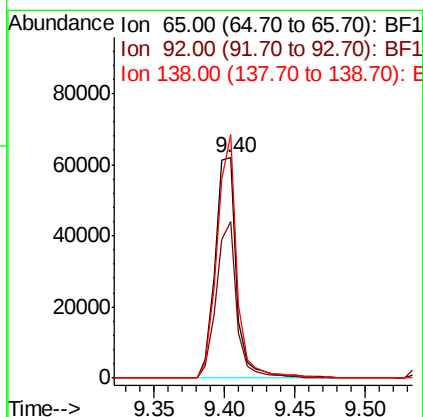
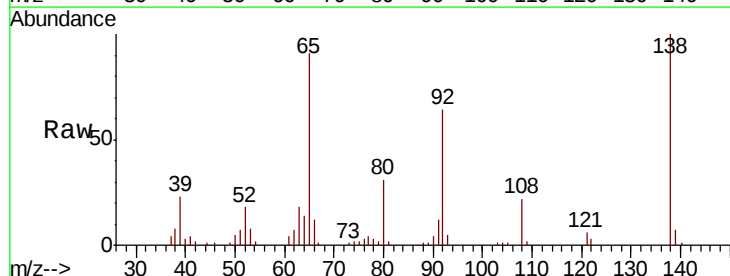
Instrument :
 BNA_F
 ClientSampled :

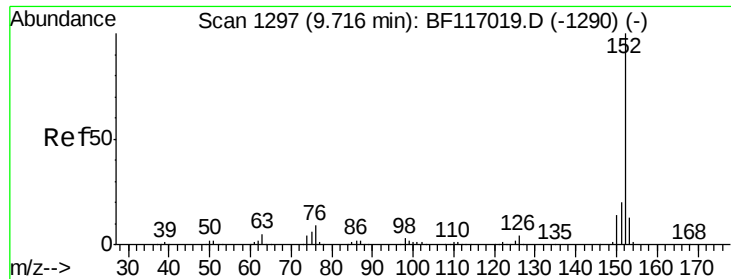
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.3	34.1	51.1
164	32.8	25.9	38.9



#48
 2-Nitroaniline
 Concen: 39.385 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.9	57.5	86.3
138	110.5	90.6	136.0





#49

Acenaphthylene

Concen: 38.074 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

Instrument :

BNA_F

ClientSampleId :

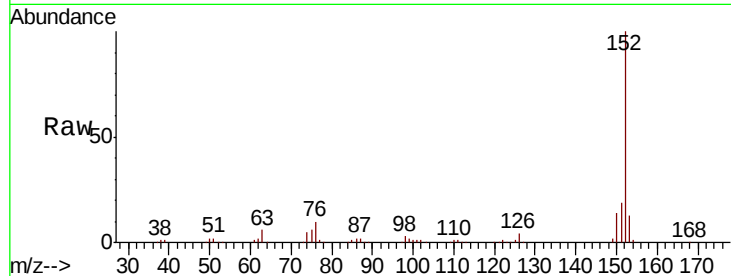
Tot Ion:152 Resp: 297301

Ion Ratio Lower Upper

152 100

151 19.1 16.2 24.2

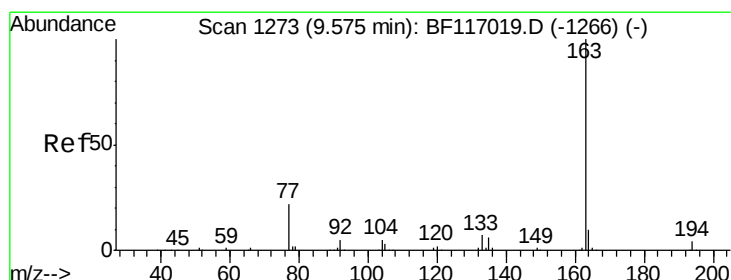
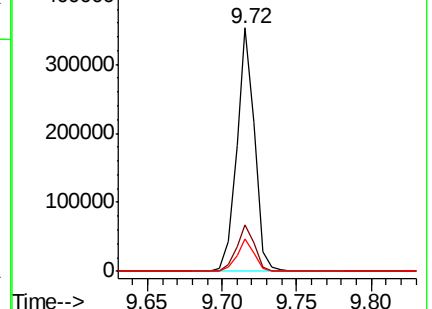
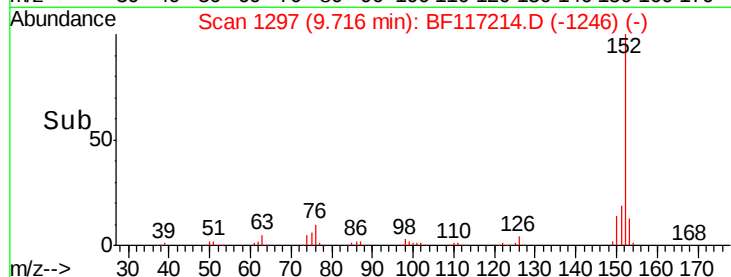
153 13.1 10.2 15.4



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: 38.293 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

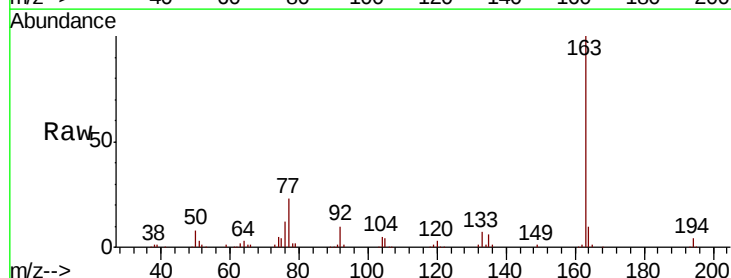
Tgt Ion:163 Resp: 228290

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

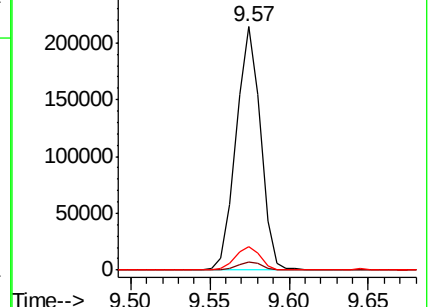
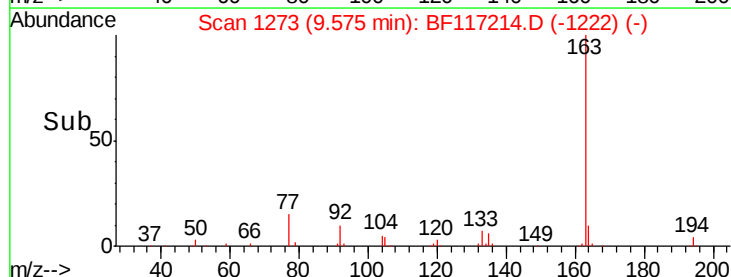
164 9.6 8.2 12.4

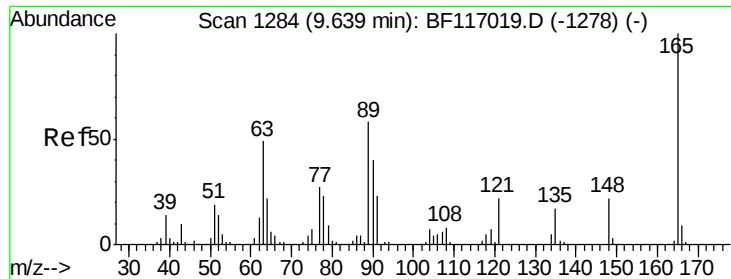


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

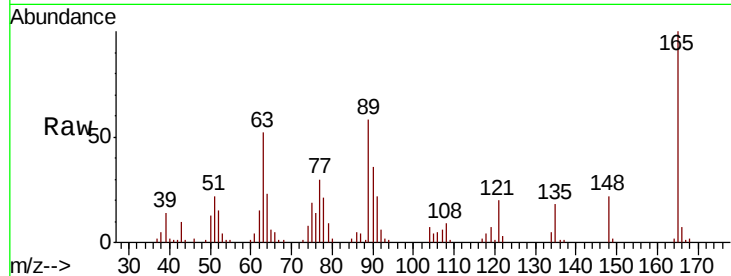




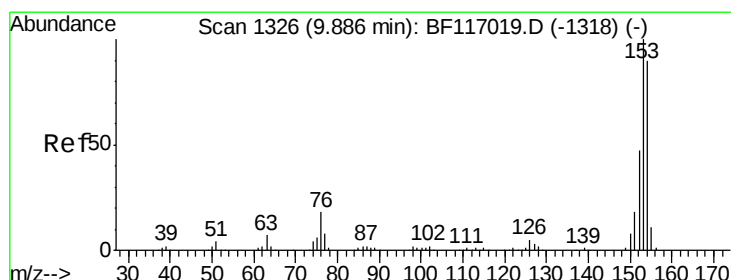
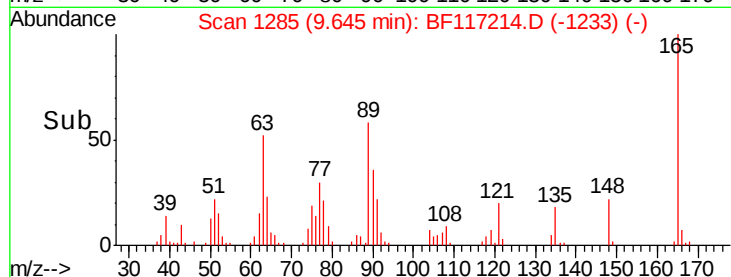
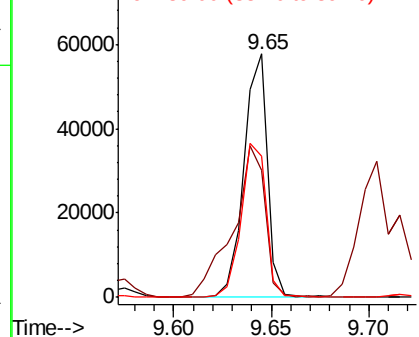
#51
 2,6-Dinitrotoluene
 Concen: 39.723 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 48232
 Ion Ratio Lower Upper
 165 100
 63 52.2 41.8 62.8
 89 57.8 46.5 69.7

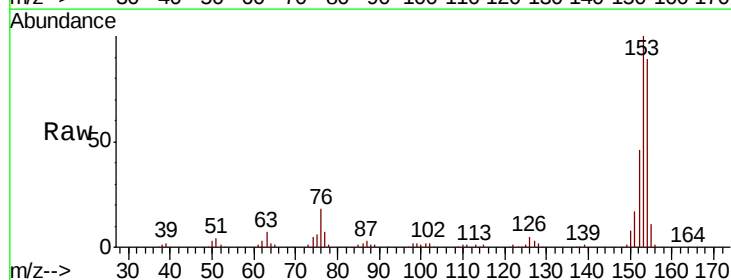


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

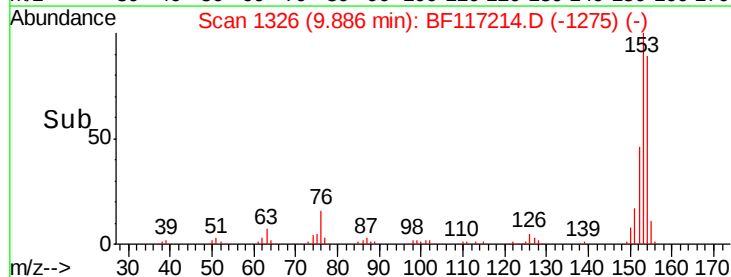
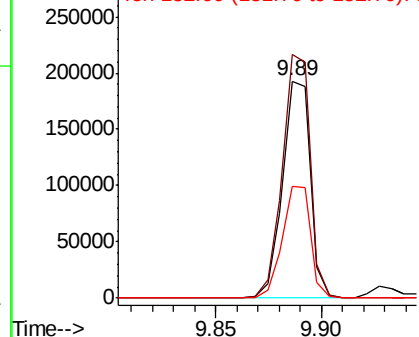


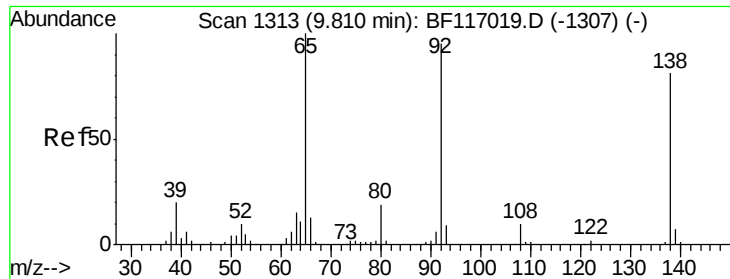
#52
 Acenaphthene
 Concen: 38.332 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

Tgt Ion:154 Resp: 177429
 Ion Ratio Lower Upper
 154 100
 153 112.3 89.0 133.6
 152 51.3 41.9 62.9



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

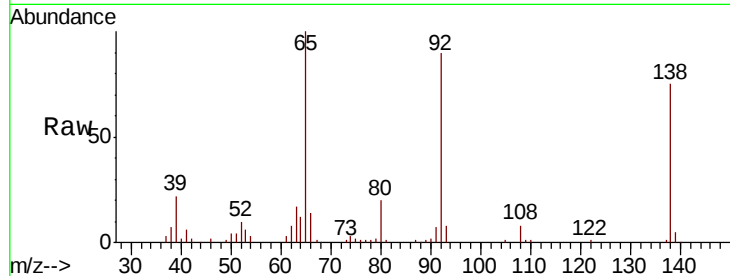




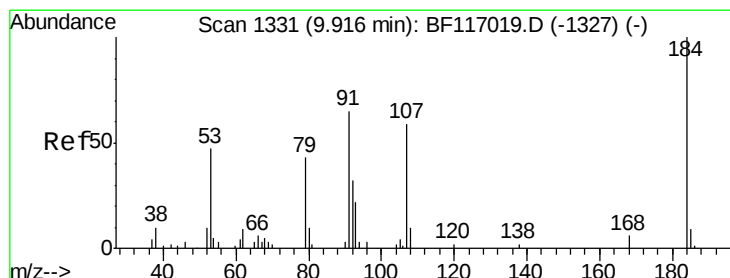
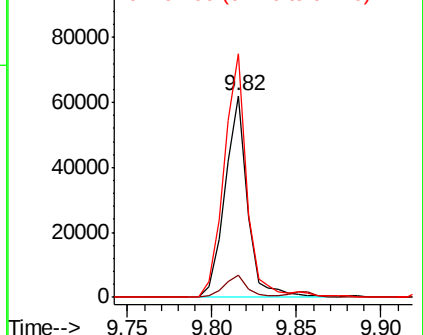
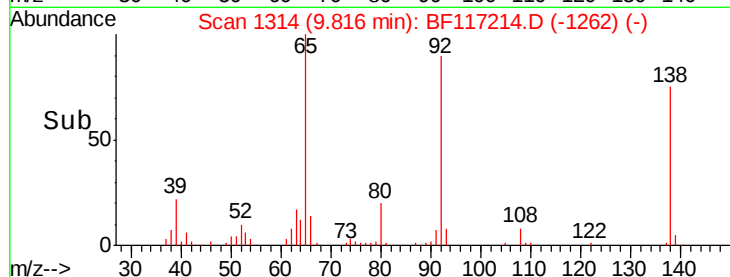
#53
 3-Nitroaniline
 Concen: 37.559 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 57539
 Ion Ratio Lower Upper
 138 100
 108 11.2 9.5 14.3
 92 120.6 94.1 141.1

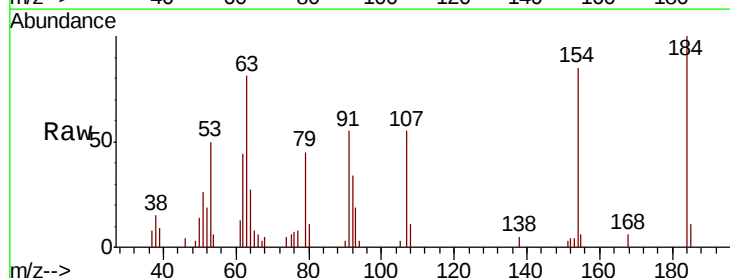


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

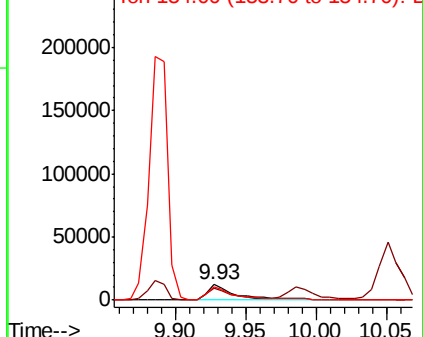
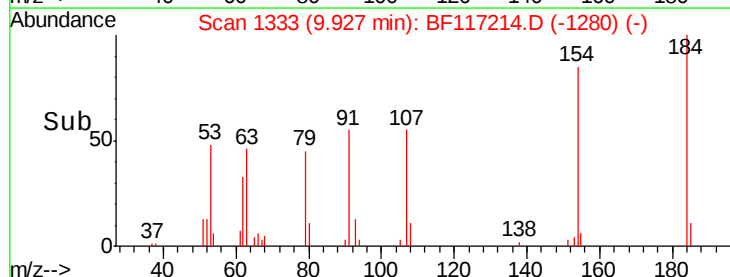


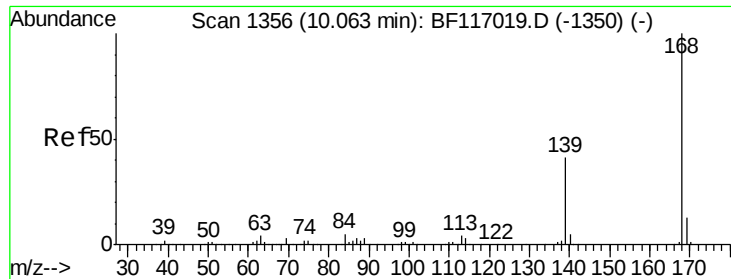
#54
 2,4-Dinitrophenol
 Concen: 38.748 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

Tgt Ion:184 Resp: 17516
 Ion Ratio Lower Upper
 184 100
 63 81.1 63.8 95.6
 154 85.3 60.4 90.6



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

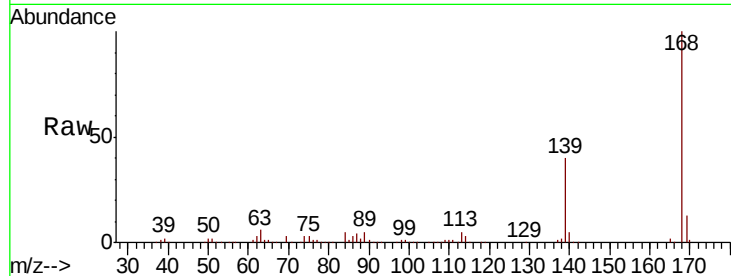




#55
Dibenzenofuran
Concen: 39.043 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	32.8	49.2
169	12.5	10.5	15.7

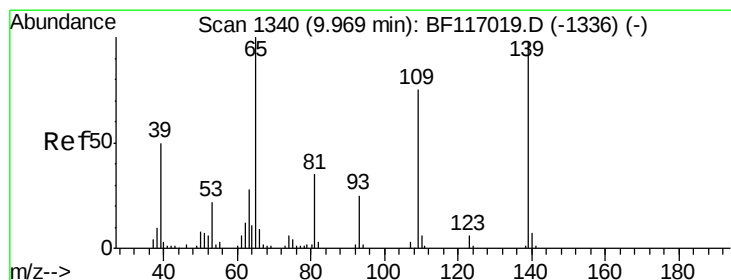
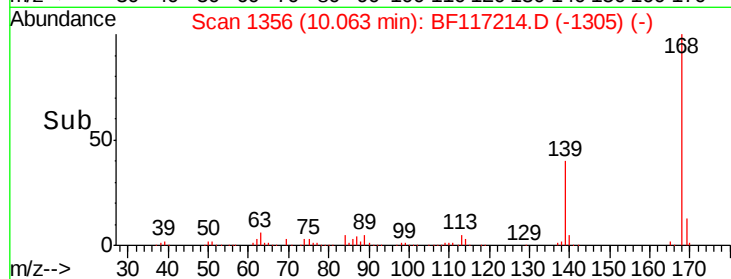
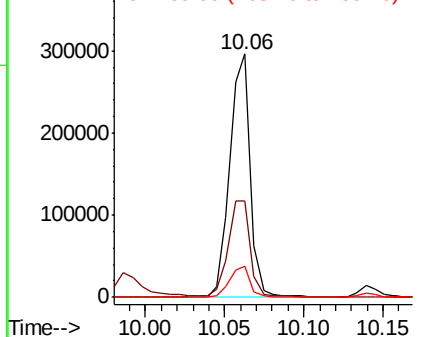


Abundance

Ion 168.00 (167.70 to 168.70): E

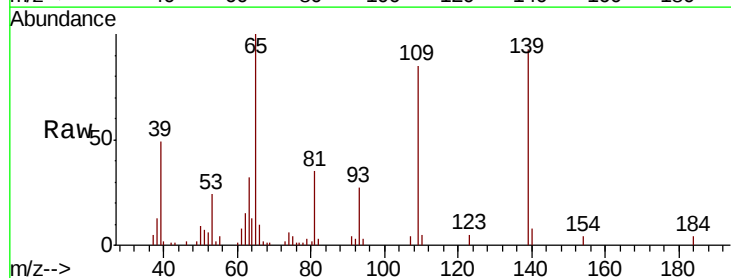
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 38.130 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	90.8	56.4	96.4
65	107.3	82.5	122.5

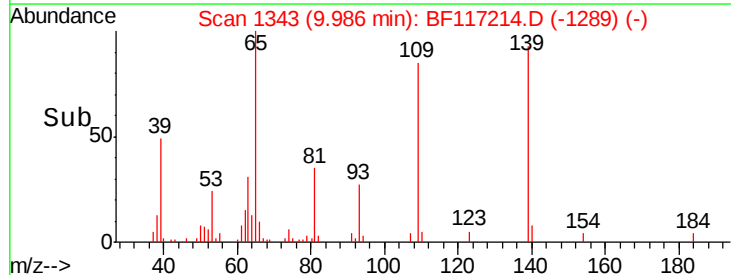
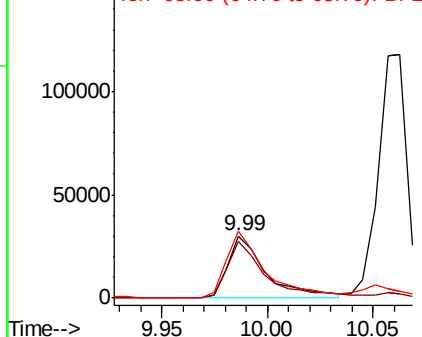


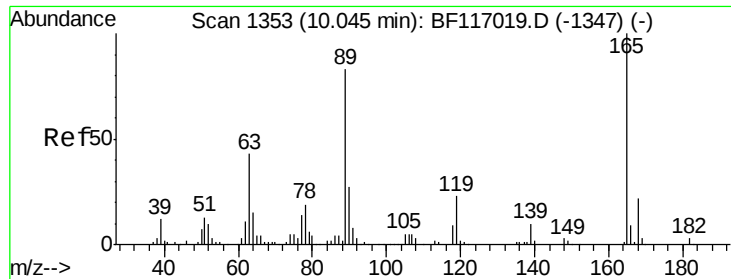
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

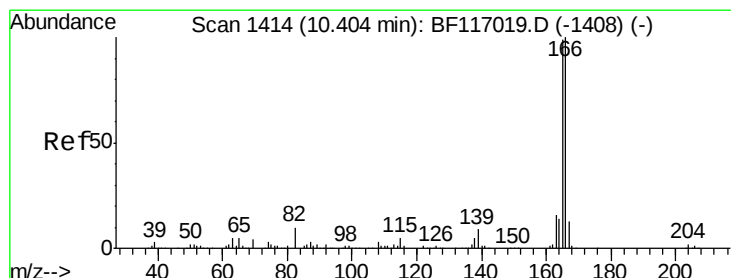
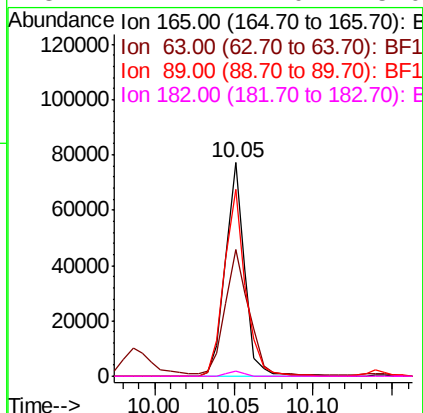
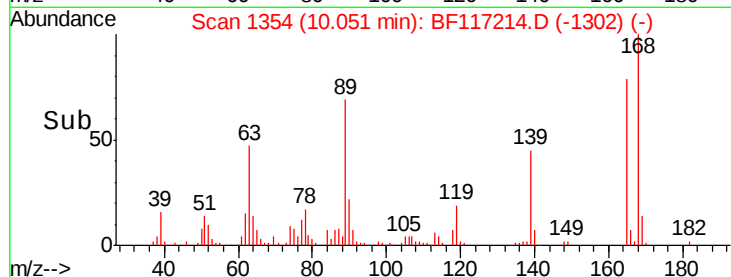
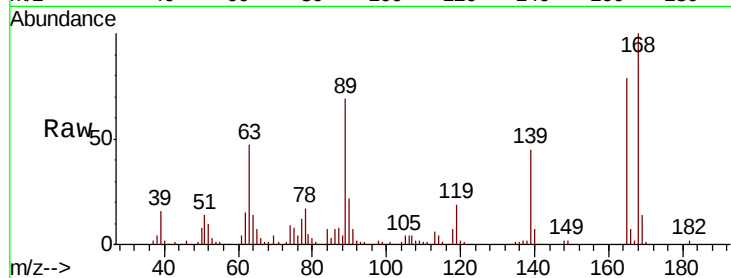




#57
 2,4-Dinitrotoluene
 Concen: 41.053 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.01 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

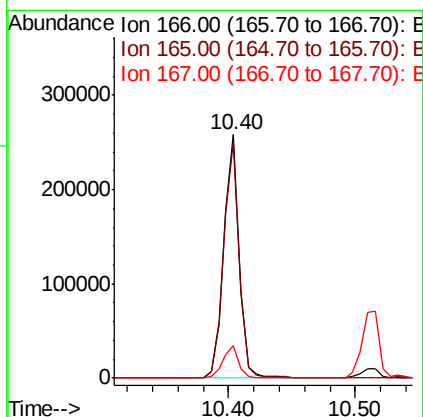
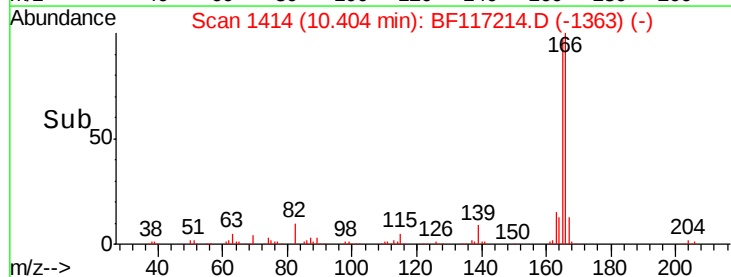
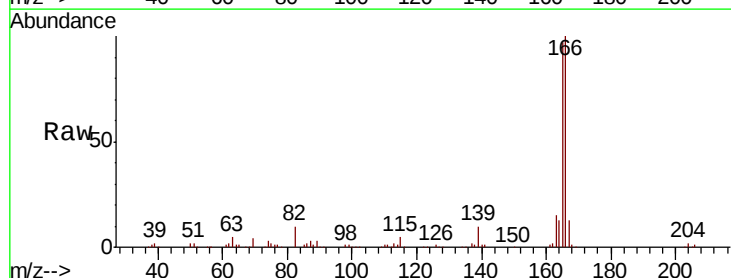
Instrument :
 BNA_F
 ClientSampleId :

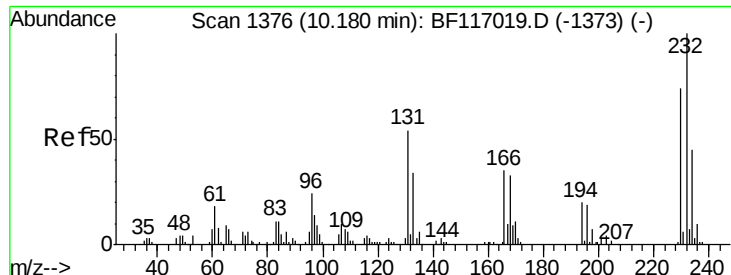
Tot Ion:165 Resp: 64704
 Ion Ratio Lower Upper
 165 100
 63 59.6 35.0 52.4#
 89 87.6 66.1 99.1
 182 2.1 2.0 3.0



#58
 Fluorene
 Concen: 39.770 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

Tgt Ion:166 Resp: 218787
 Ion Ratio Lower Upper
 166 100
 165 96.8 78.9 118.3
 167 13.3 10.6 15.8

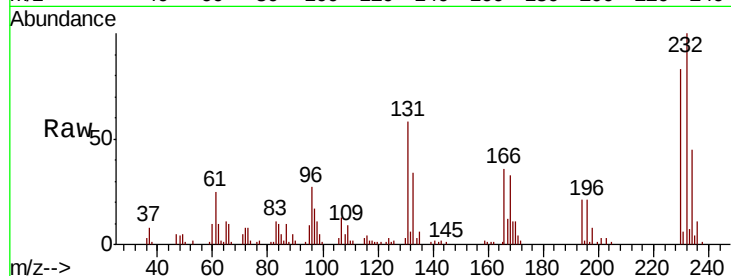




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.436 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.04 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	54.4	45.3	67.9
130	2.5	1.8	2.8
166	32.0	29.4	44.2



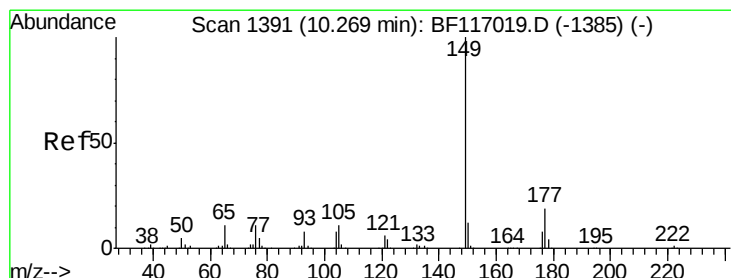
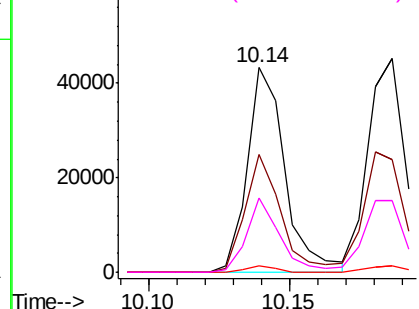
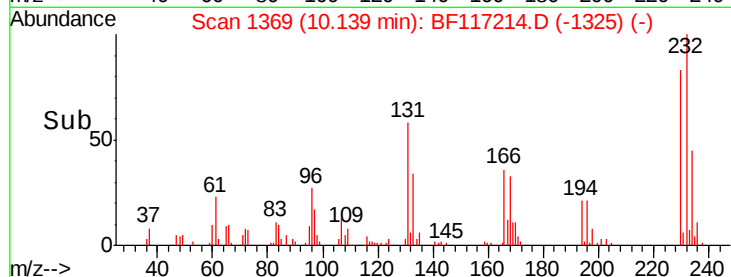
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

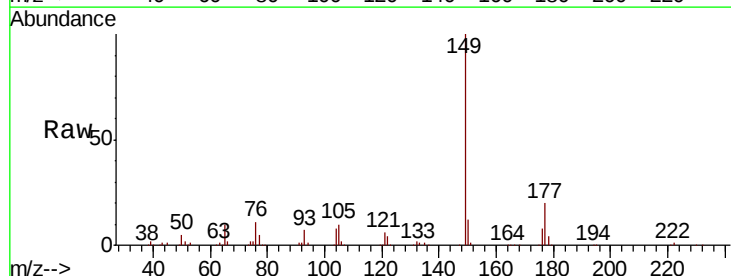
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.190 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.8	15.2	22.8
150	12.4	9.9	14.9

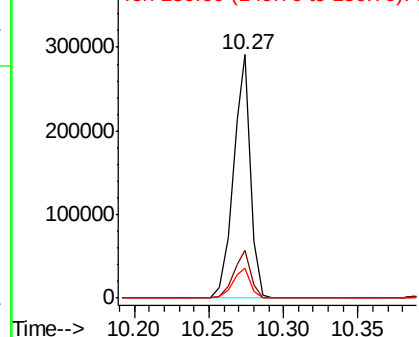
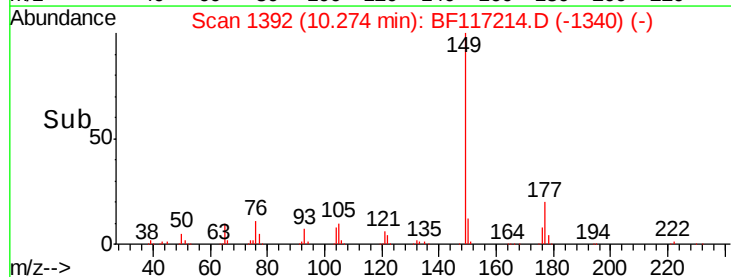


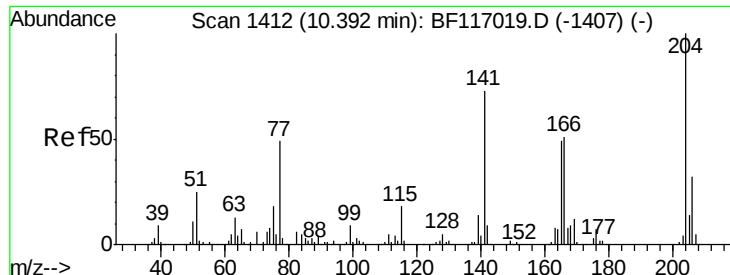
Abundance

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

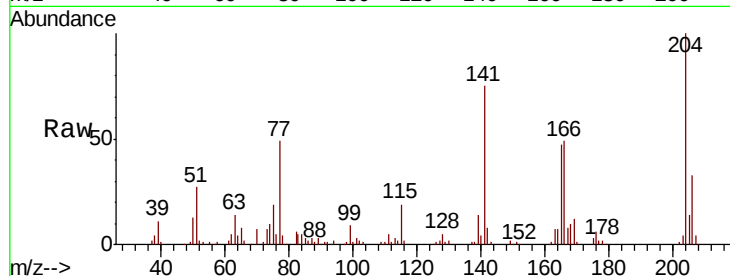




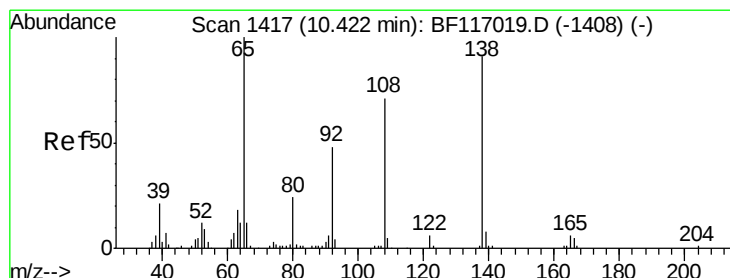
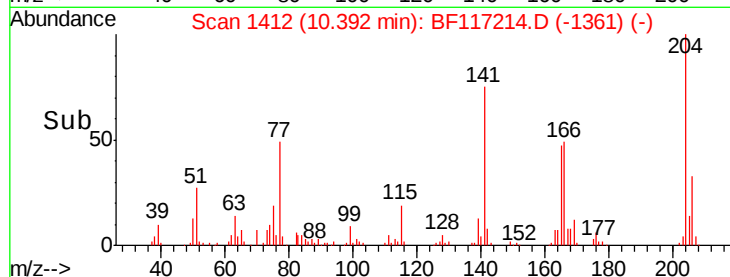
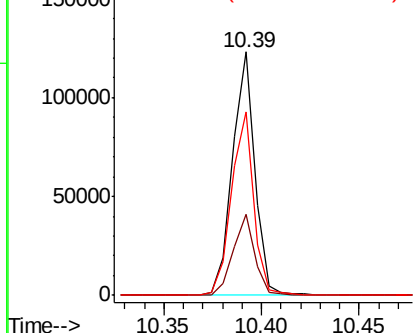
#61
4-Chlorophenyl-phenylether
Concen: 41.408 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 98561
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 75.4 58.2 87.2

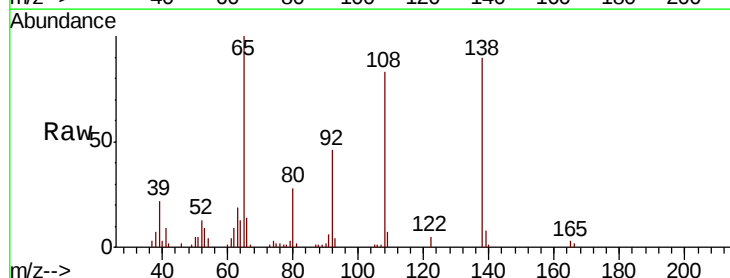


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

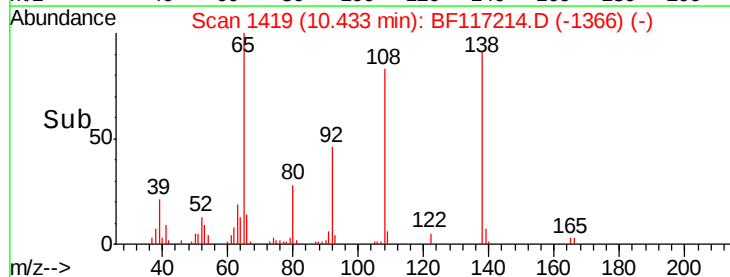
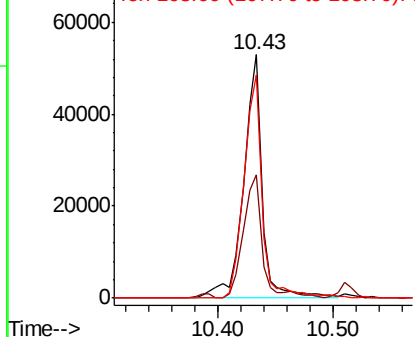


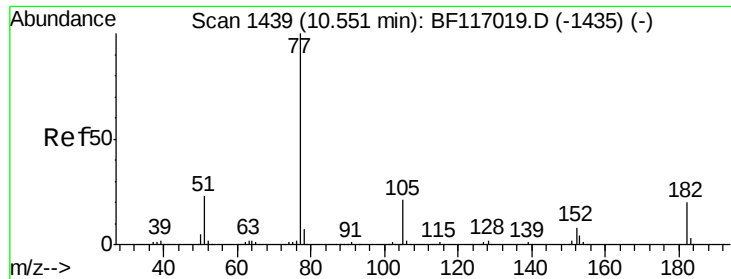
#62
4-Nitroaniline
Concen: 37.101 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Tgt Ion:138 Resp: 59108
Ion Ratio Lower Upper
138 100
92 50.8 32.9 72.9
108 91.7 58.3 98.3



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





#63

Azobenzene

Concen: 39.431 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 236207

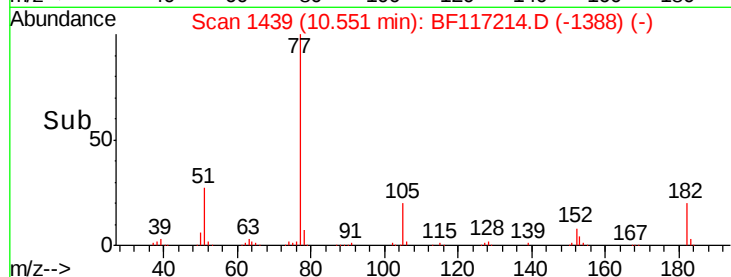
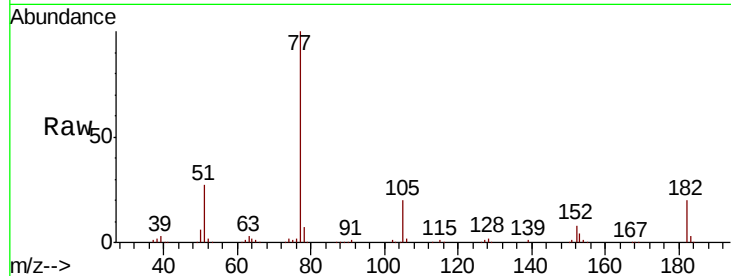
Ion Ratio Lower Upper

77 100

182 19.5 0.4 40.4

105 20.2 0.9 40.9

51 26.7 2.8 42.8

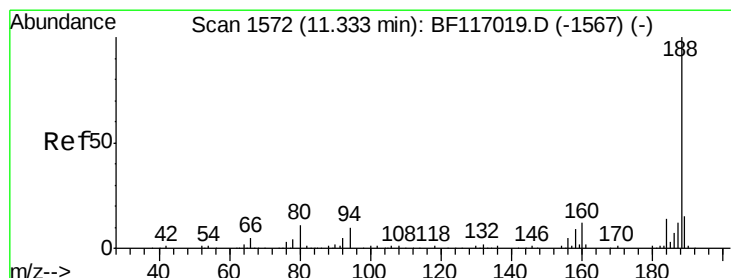
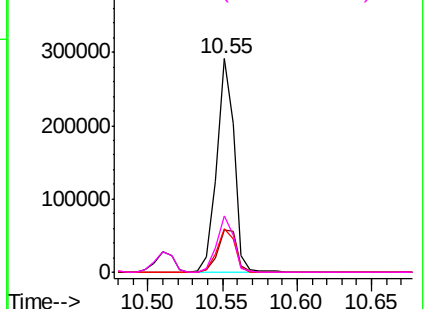


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

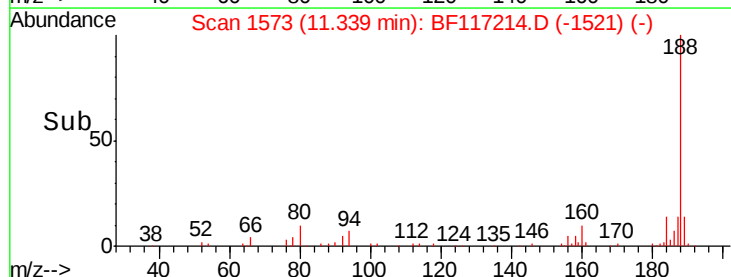
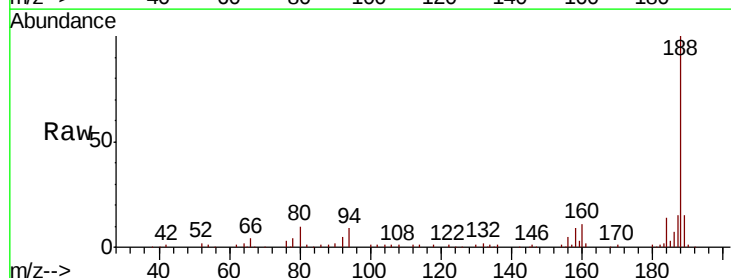
Tgt Ion: 188 Resp: 137511

Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.2

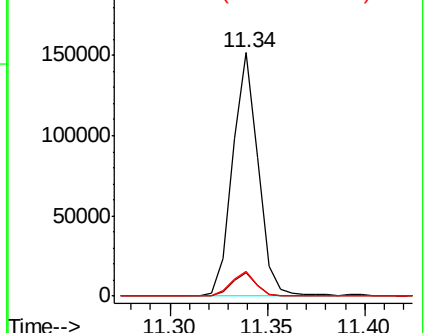
80 10.0 9.0 13.6

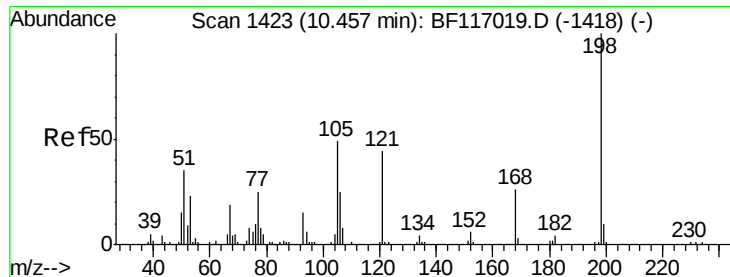


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 40.398 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

Instrument :

BNA_F

ClientSampled :

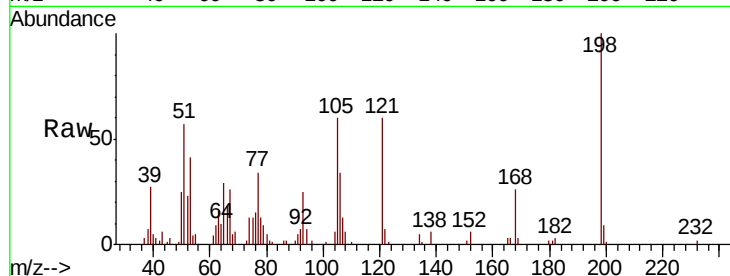
Tot Ion:198 Resp: 24512

Ion Ratio Lower Upper

198 100

51 56.7 18.7 58.7

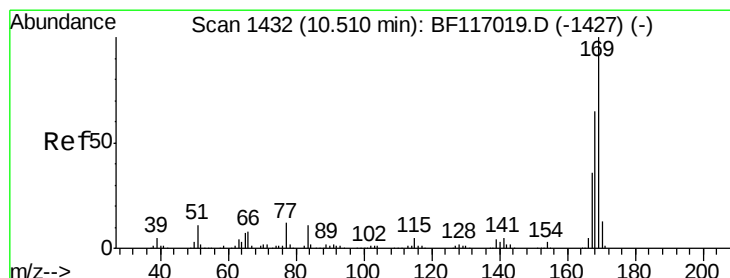
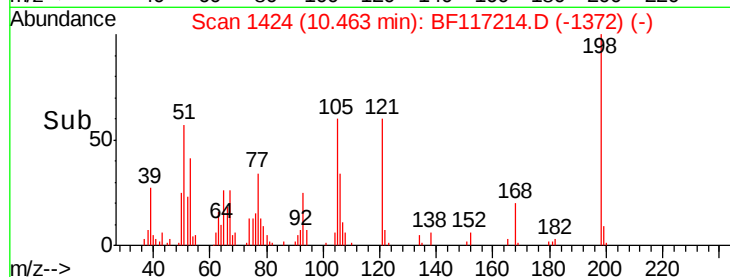
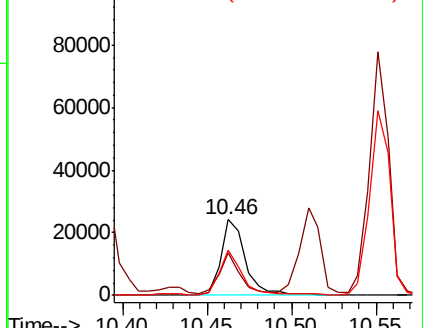
105 60.0 30.2 70.2



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: 39.505 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

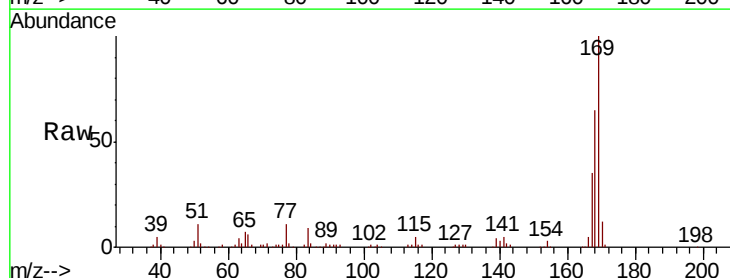
Tgt Ion:169 Resp: 187613

Ion Ratio Lower Upper

169 100

168 65.4 52.2 78.2

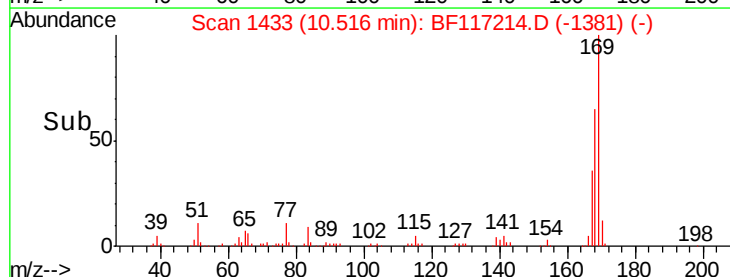
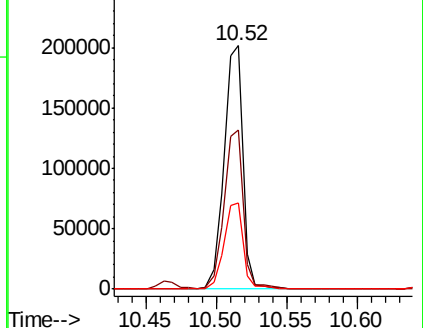
167 35.5 28.8 43.2

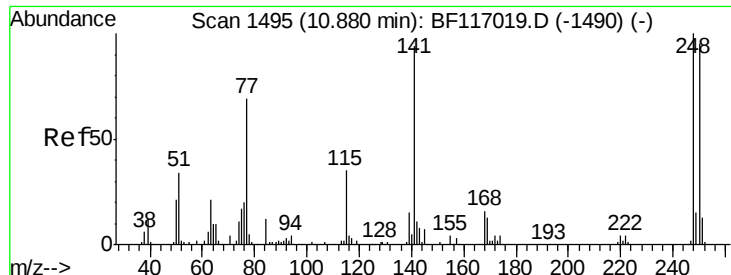


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

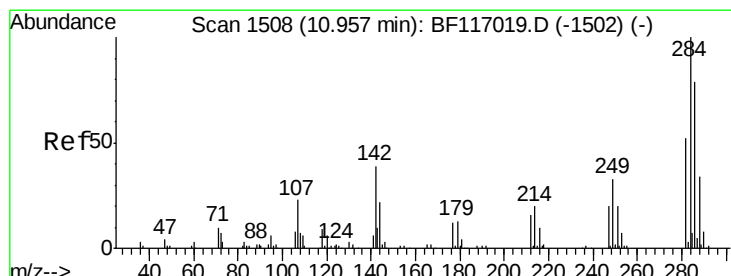
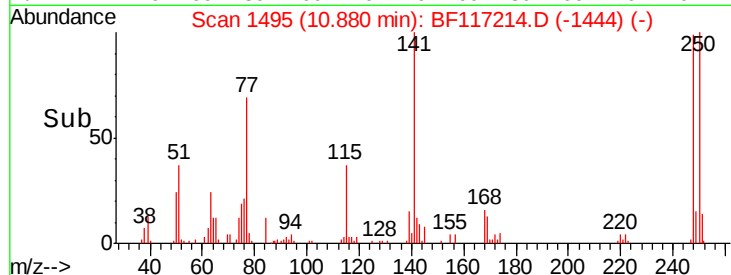
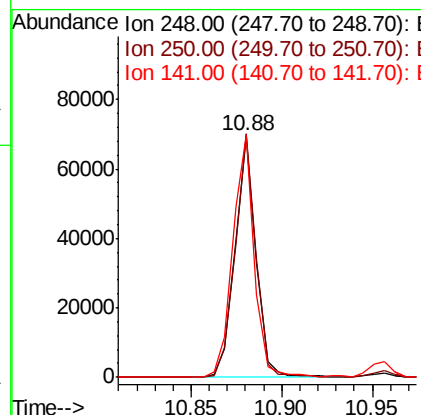
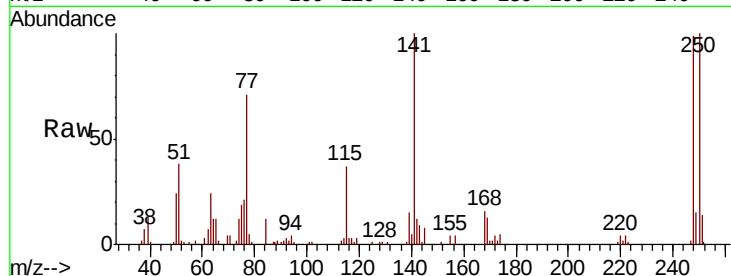




#67
 4-Bromophenyl-phenylether
 Concen: 40.019 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

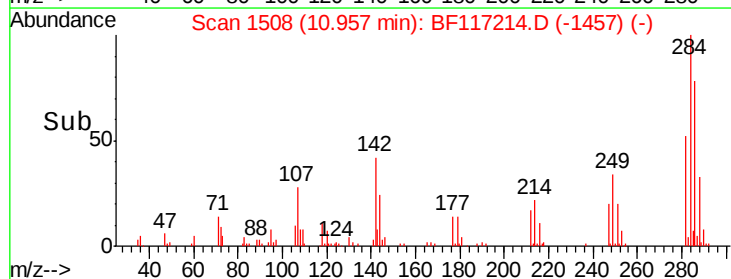
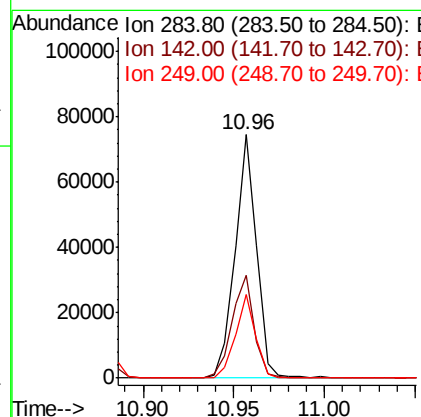
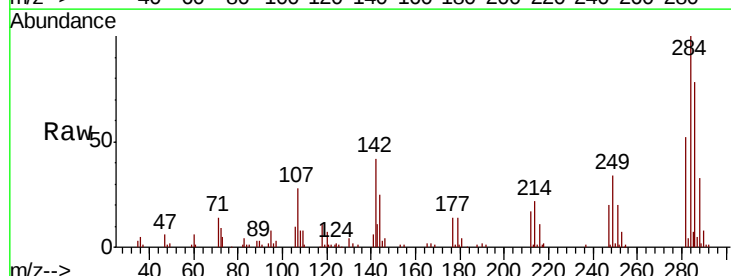
Instrument :
 BNA_F
 ClientSampleId :

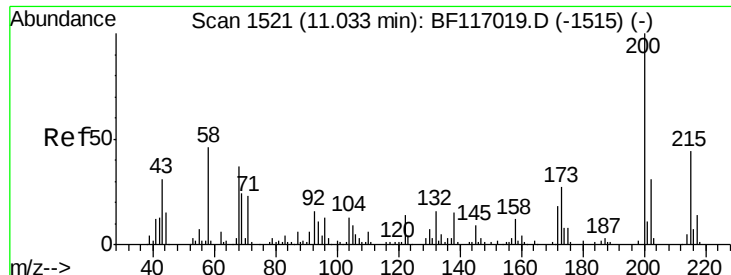
Tot Ion:	248	Resp:	56200
Ion	Ratio	Lower	Upper
248	100		
250	100.9	76.2	114.4
141	100.5	75.0	112.4



#68
 Hexachlorobenzene
 Concen: 39.976 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

Tgt Ion:	284	Resp:	61403
Ion	Ratio	Lower	Upper
284	100		
142	42.3	31.4	47.2
249	34.1	26.5	39.7

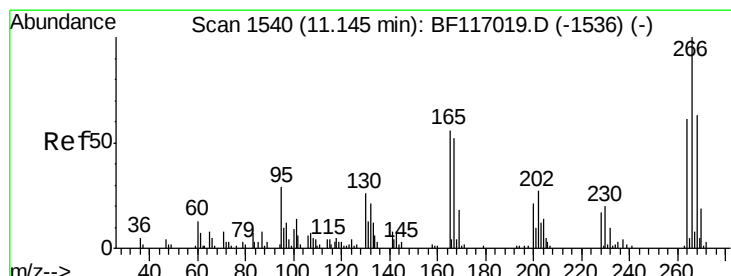
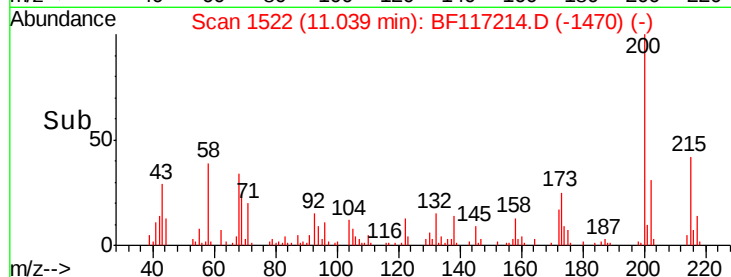
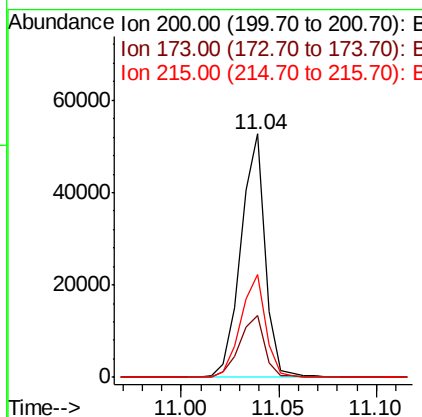
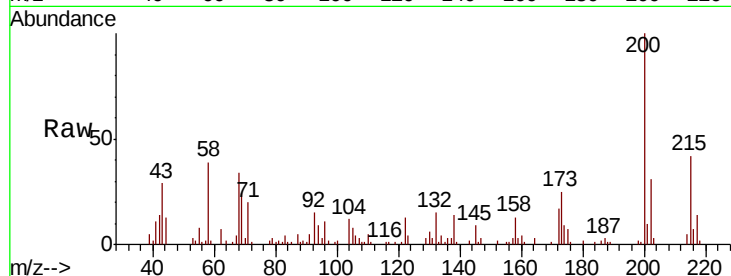




#69
 Atrazine
 Concen: 36.769 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

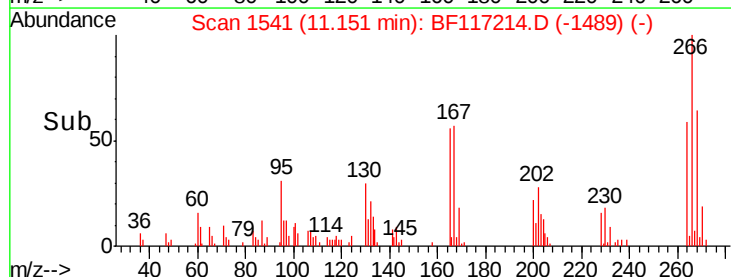
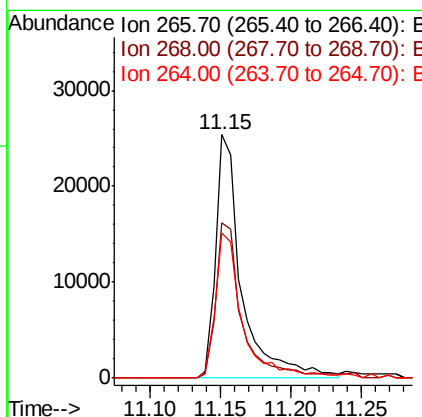
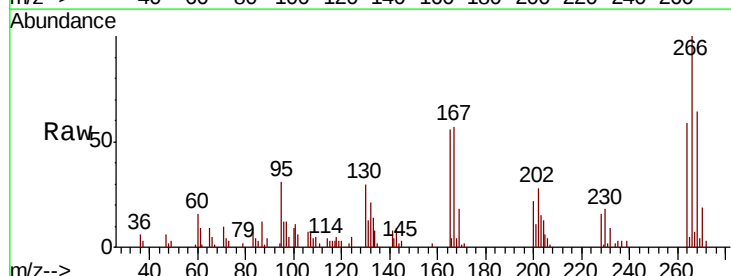
Instrument :
 BNA_F
 ClientSampleId :

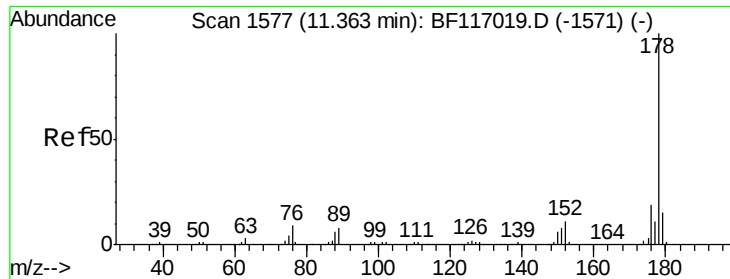
Tot Ion:200 Resp: 45649
 Ion Ratio Lower Upper
 200 100
 173 25.2 6.9 46.9
 215 42.4 23.8 63.8



#70
 Pentachlorophenol
 Concen: 45.162 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

Tgt Ion:266 Resp: 32516
 Ion Ratio Lower Upper
 266 100
 268 63.8 50.5 75.7
 264 59.4 48.8 73.2

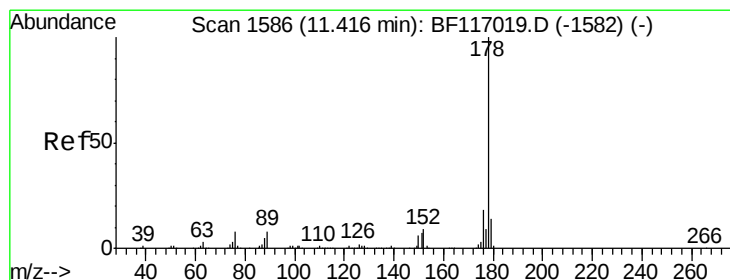
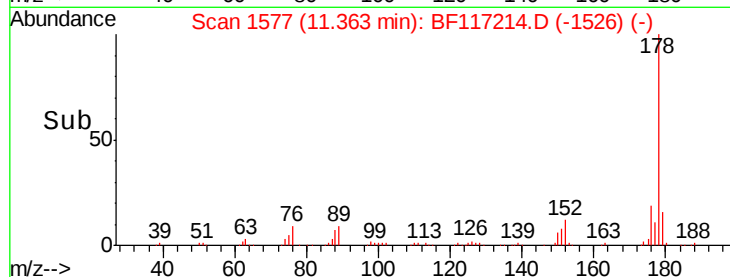
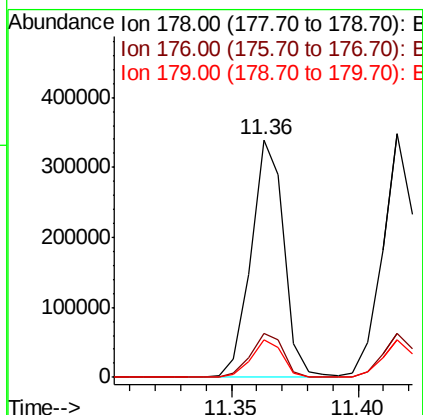
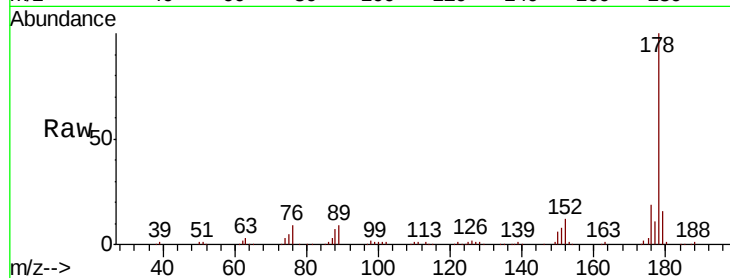




#71
Phenanthrene
Concen: 39.041 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

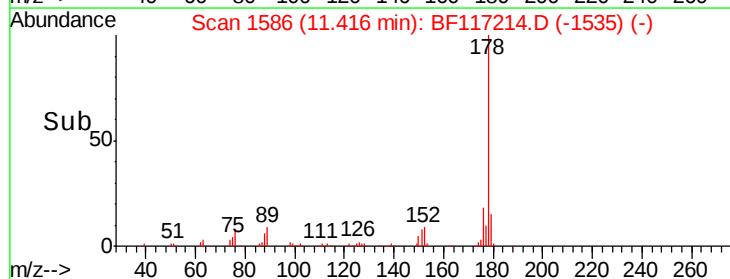
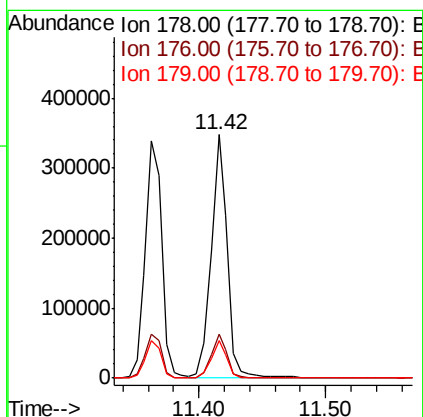
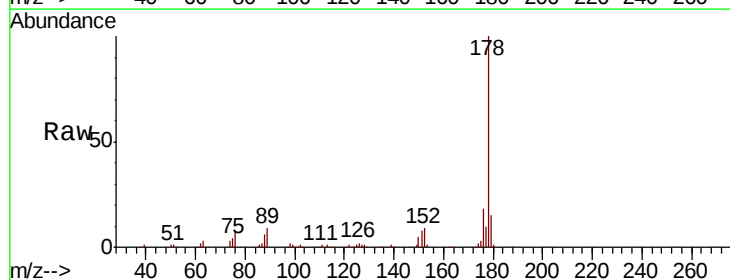
Instrument :
BNA_F
ClientSampleId :

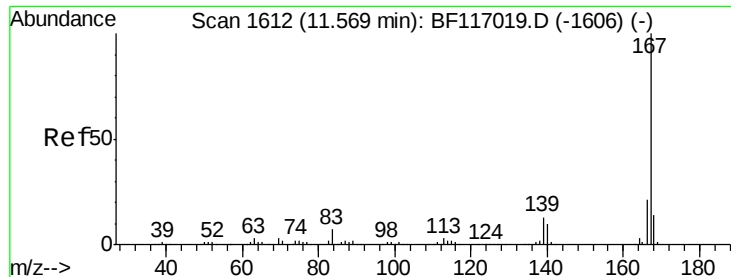
Tot Ion:178 Resp: 304936
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.9 12.4 18.6



#72
Anthracene
Concen: 39.037 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Tgt Ion:178 Resp: 311281
Ion Ratio Lower Upper
178 100
176 17.9 14.6 21.8
179 15.2 11.6 17.4

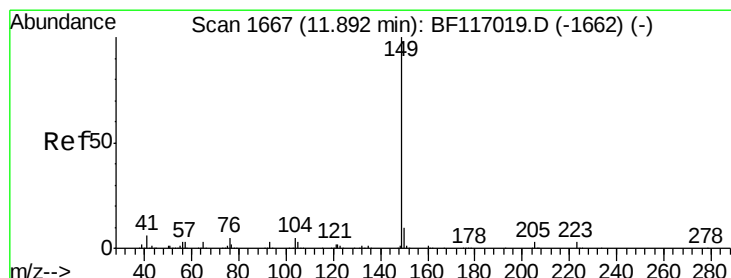
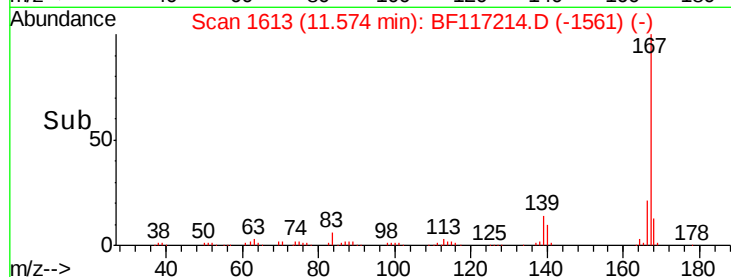
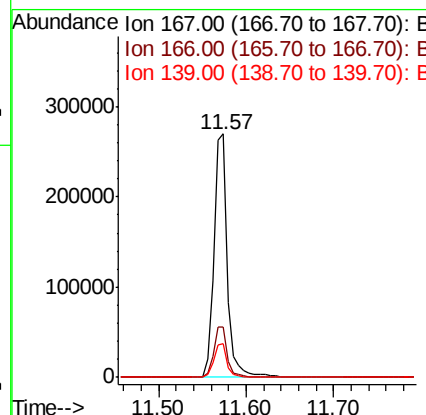
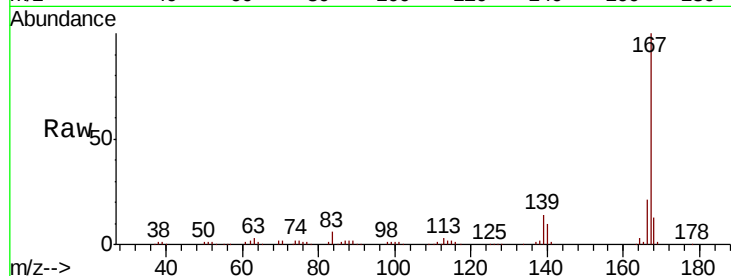




#73
 Carbazole
 Concen: 37.988 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

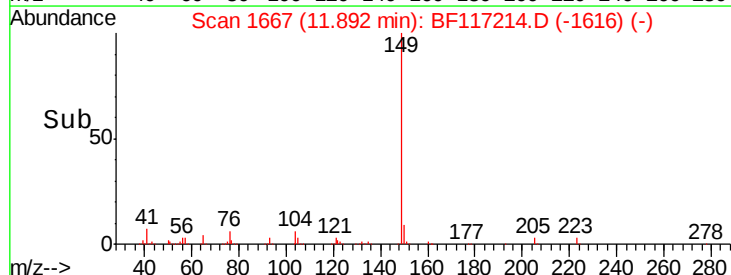
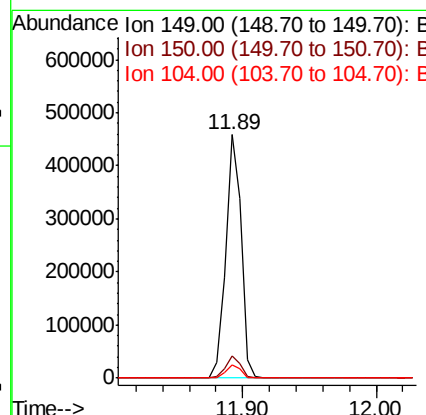
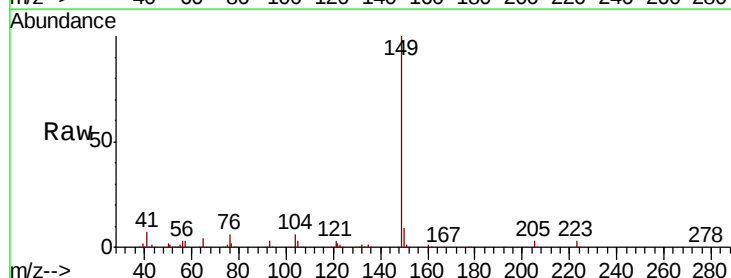
Instrument :
 BNA_F
 ClientSampleId :

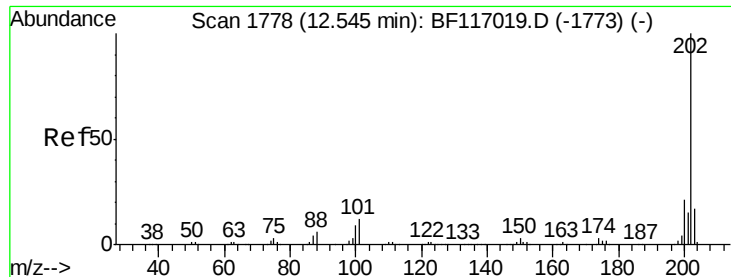
Tot Ion:167 Resp: 287530
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.2 25.8
 139 13.6 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 41.653 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

Tgt Ion:149 Resp: 375100
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 5.7 4.2 6.4





#75

Fluoranthene

Concen: 38.475 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

Instrument :

BNA_F

ClientSampleId :

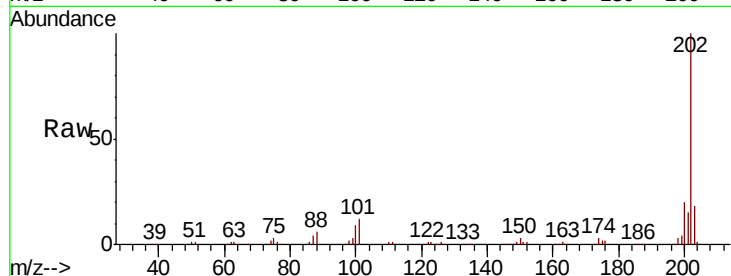
Tot Ion:202 Resp: 308773

Ion Ratio Lower Upper

202 100

101 11.5 0.0 32.3

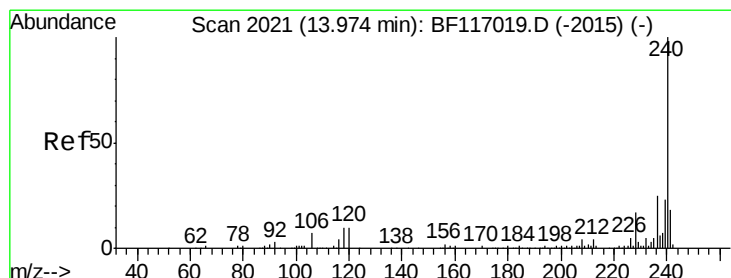
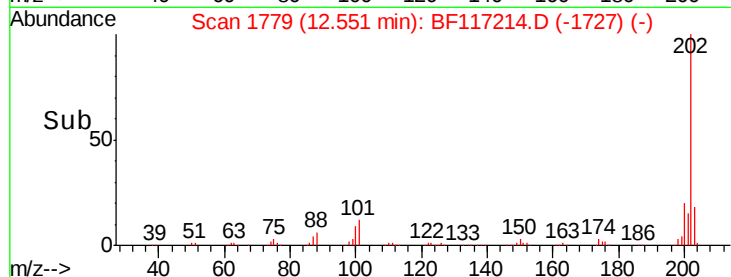
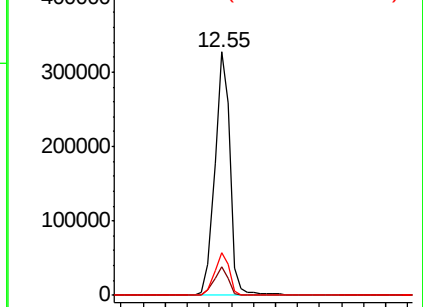
203 17.7 0.0 37.1



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: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

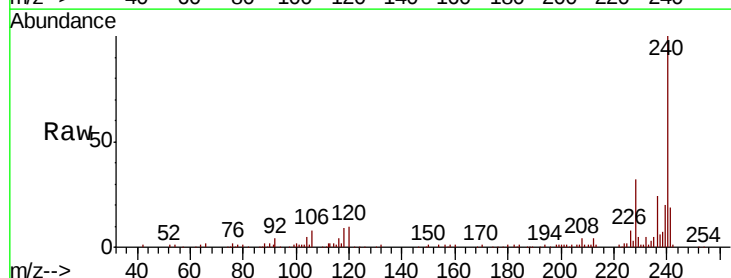
Tgt Ion:240 Resp: 93691

Ion Ratio Lower Upper

240 100

120 10.2 8.3 12.5

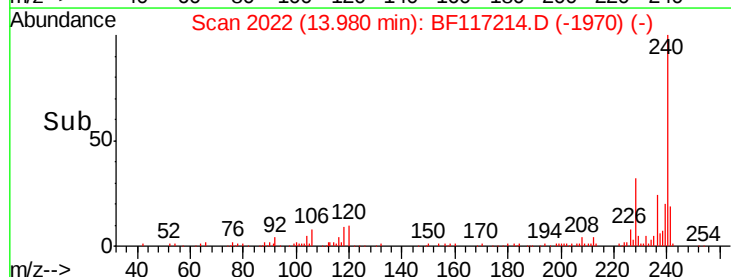
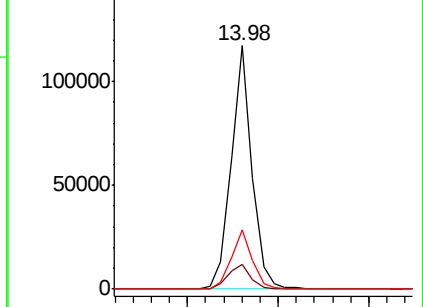
236 24.2 20.3 30.5

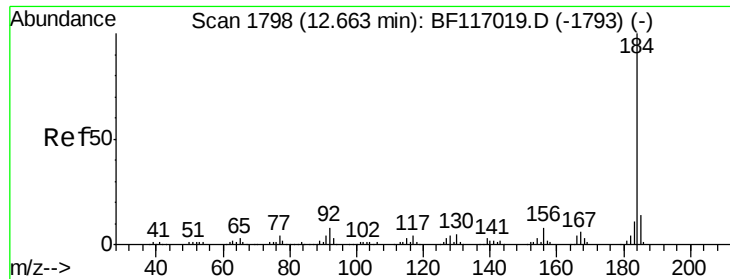


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

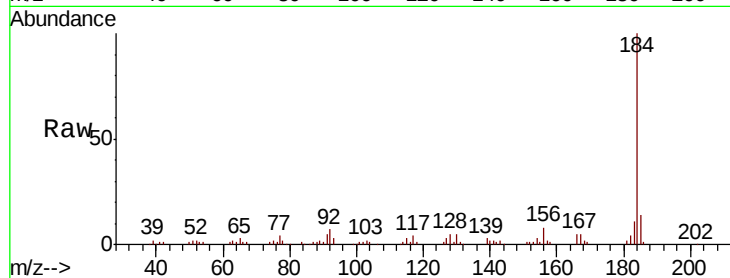




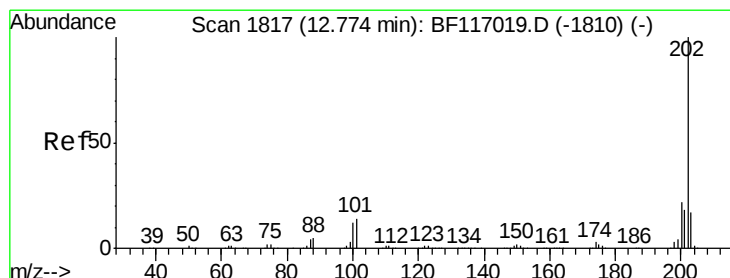
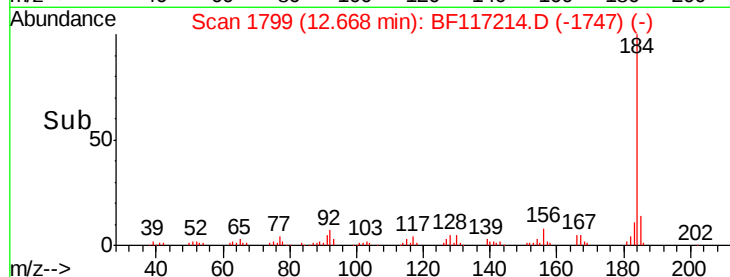
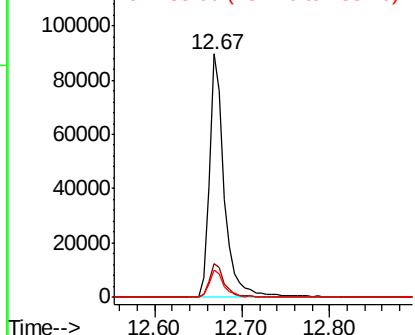
#77
Benzidine
Concen: 35.137 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.01 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 106046
Ion Ratio Lower Upper
184 100
185 13.8 11.6 17.4
183 11.4 9.0 13.4

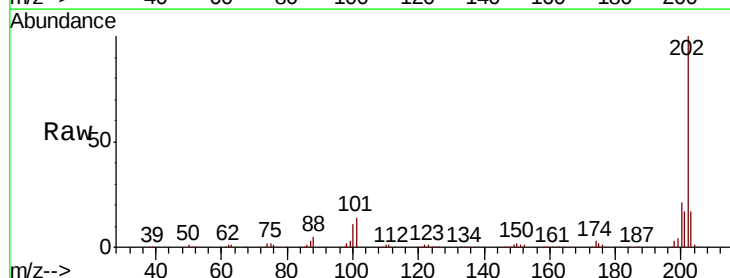


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

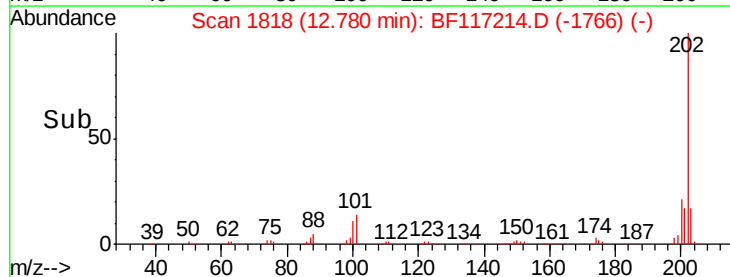
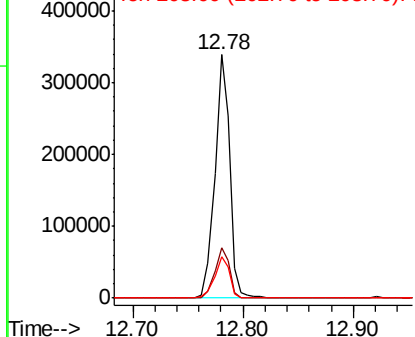


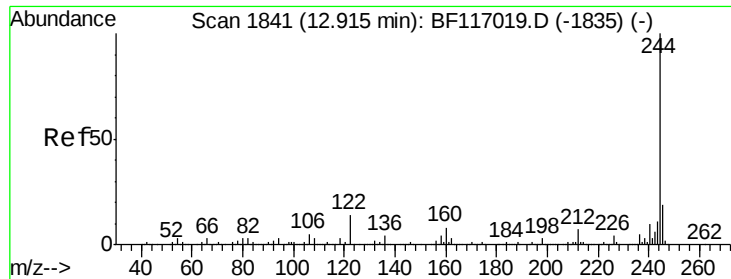
#78
Pyrene
Concen: 39.715 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Tgt Ion:202 Resp: 312211
Ion Ratio Lower Upper
202 100
200 20.9 17.2 25.8
203 16.9 14.0 21.0



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

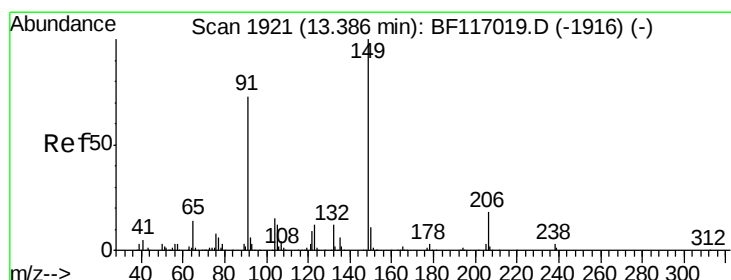
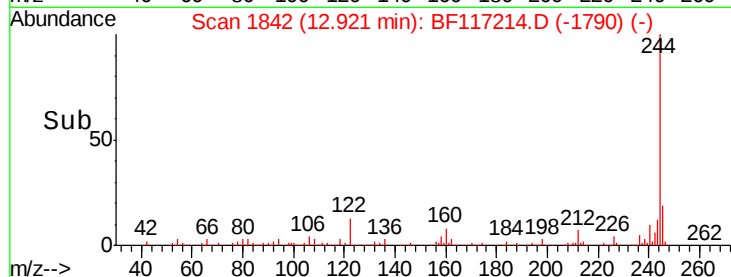
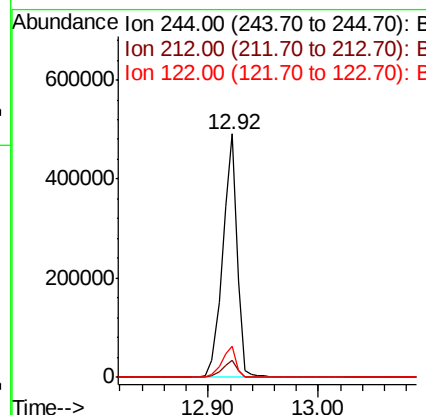
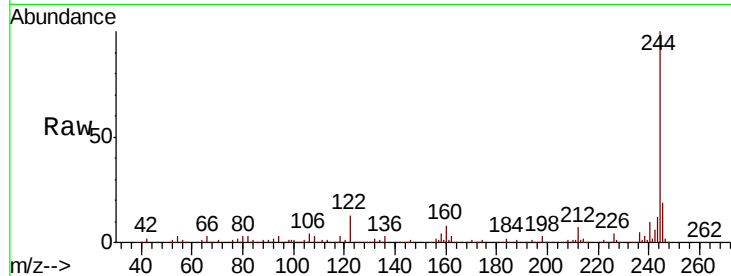




#79
 Terphenyl-d14
 Concen: 88.188 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

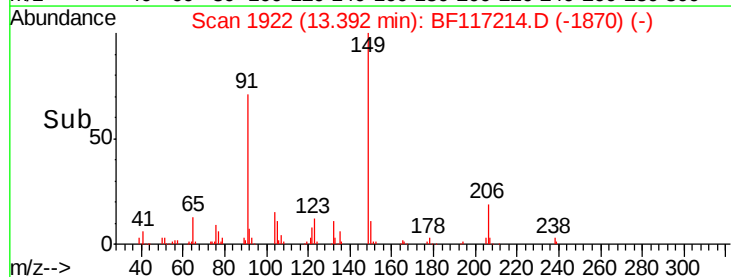
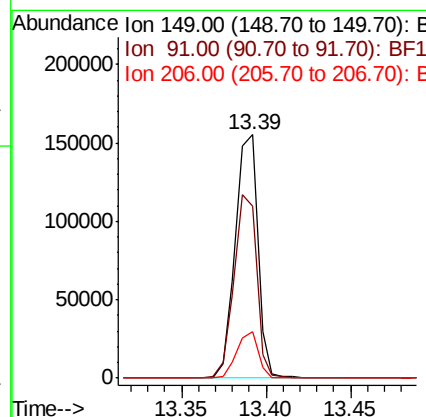
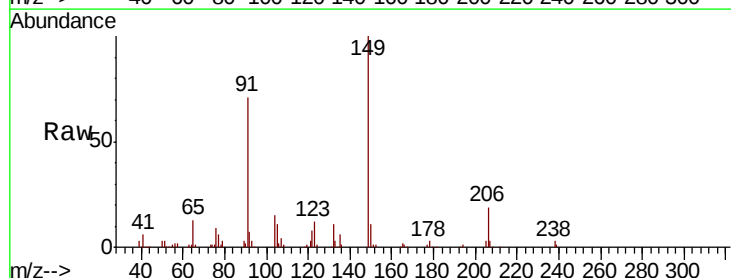
Instrument :
 BNA_F
 ClientSampleId :

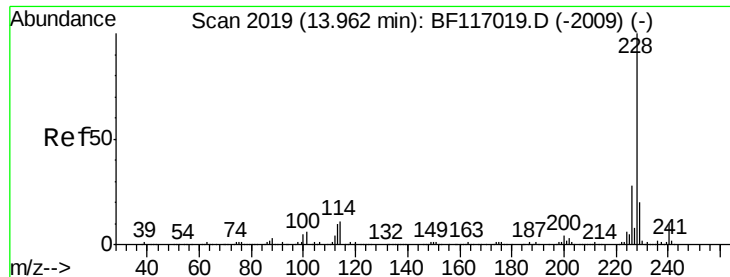
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	12.6	11.3	16.9



#80
 Butylbenzylphthalate
 Concen: 39.071 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.7	58.8	88.2
206	19.1	14.1	21.1

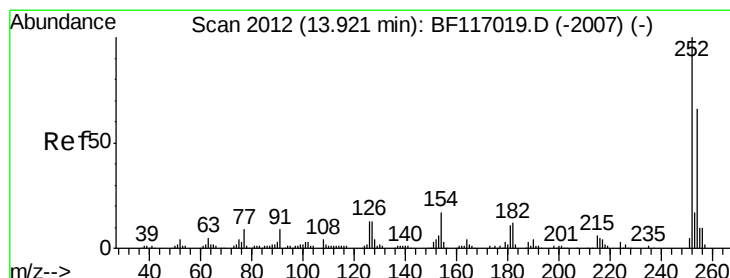
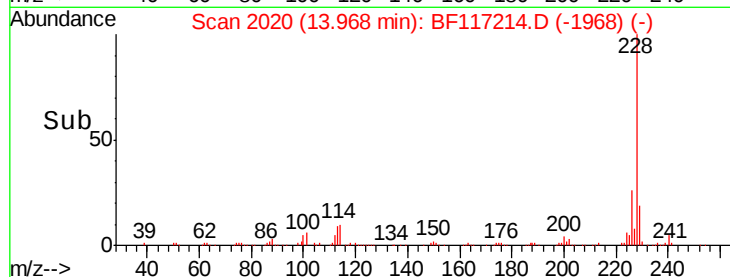
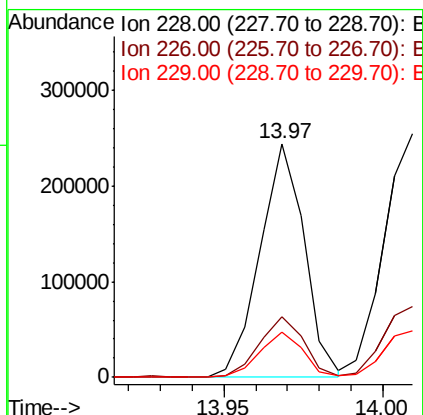
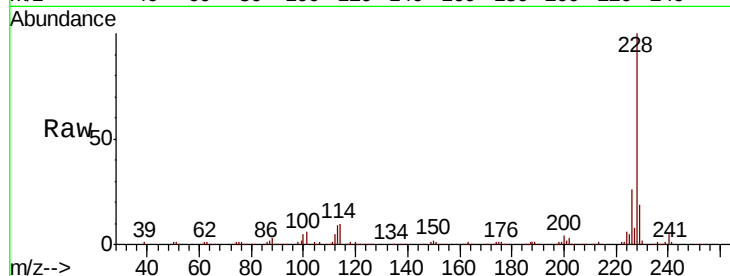




#81
Benzo(a)anthracene
Concen: 37.974 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

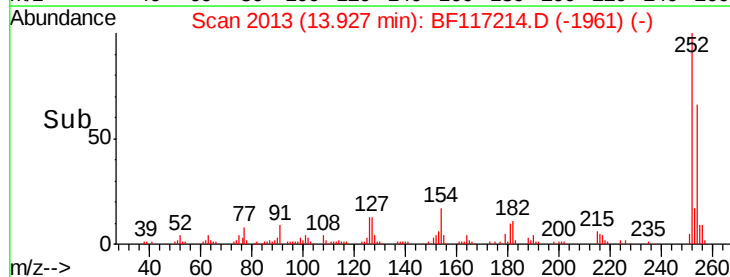
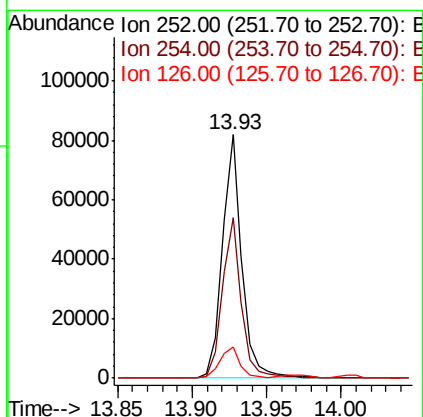
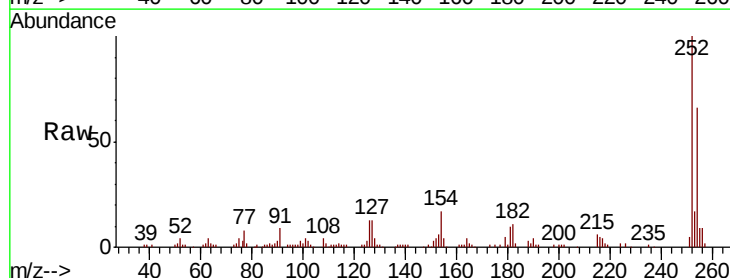
Instrument :
BNA_F
ClientSampleId :

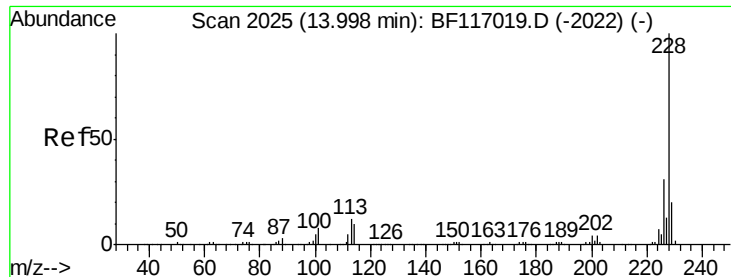
Tot Ion:228 Resp: 237701
Ion Ratio Lower Upper
228 100
226 25.9 22.3 33.5
229 19.2 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 37.342 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Tgt Ion:252 Resp: 75324
Ion Ratio Lower Upper
252 100
254 65.9 52.6 79.0
126 13.0 10.4 15.6

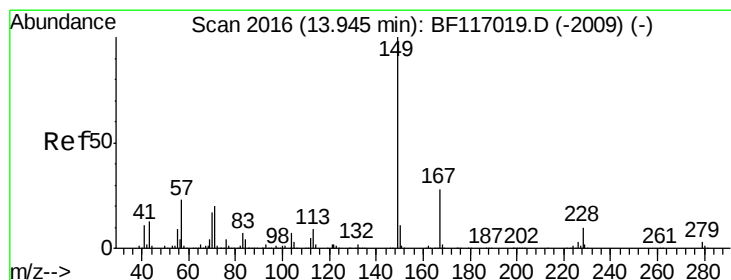
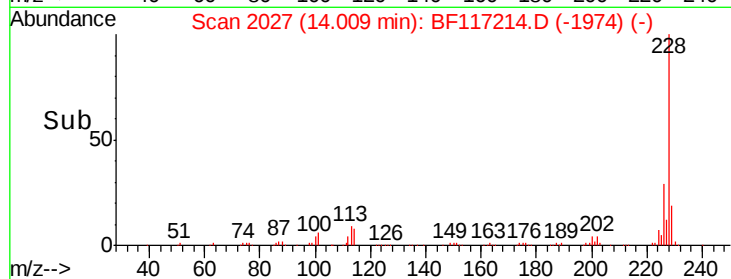
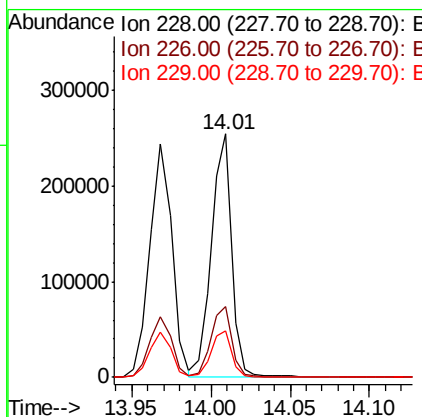
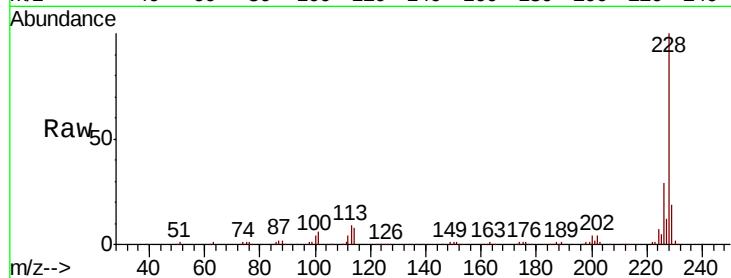




#83
Chrysene
Concen: 37.470 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

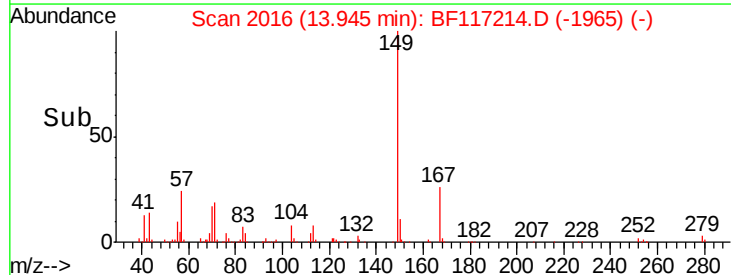
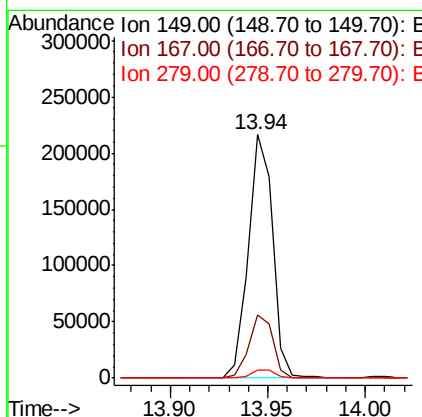
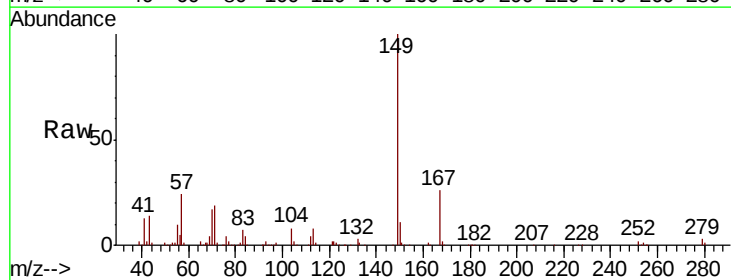
Instrument :
BNA_F
ClientSampleId :

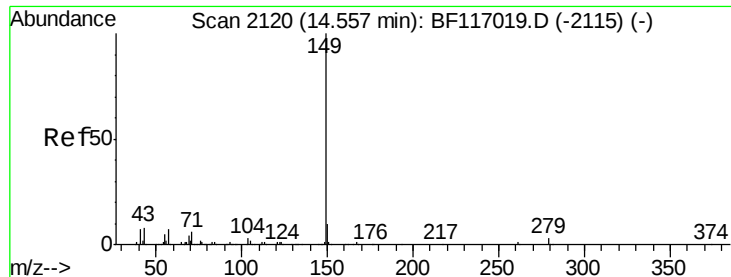
Tot Ion:228 Resp: 228759
Ion Ratio Lower Upper
228 100
226 29.1 24.8 37.2
229 19.1 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.026 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Tgt Ion:149 Resp: 186915
Ion Ratio Lower Upper
149 100
167 25.8 22.2 33.2
279 3.1 2.8 4.2

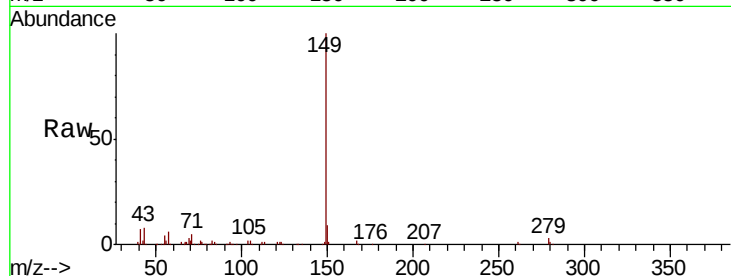




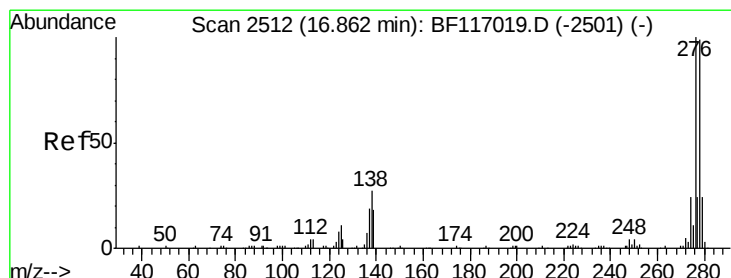
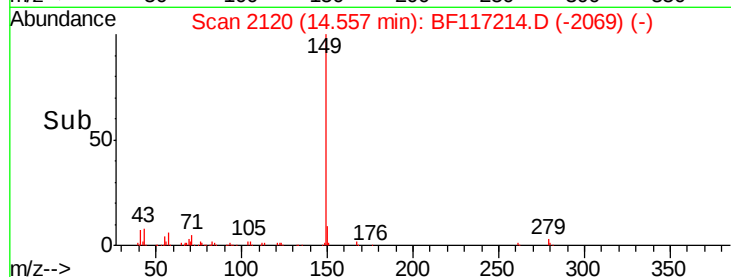
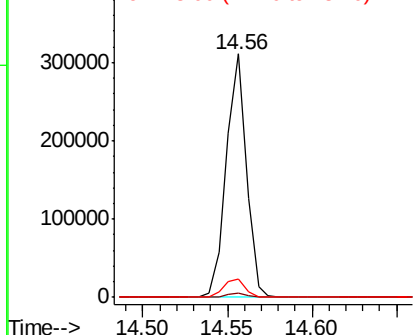
#85
Di-n-octyl phthalate
Concen: 34.121 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.5	6.2	9.4

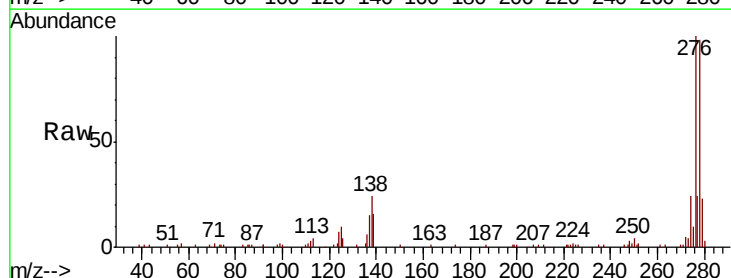


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

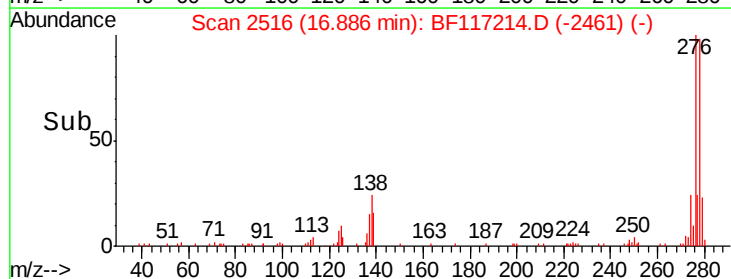
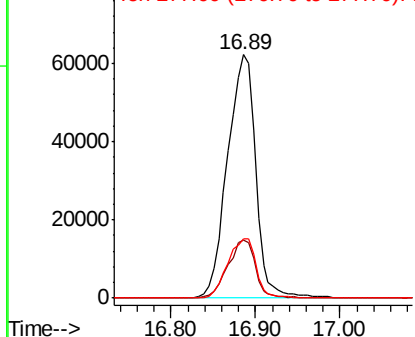


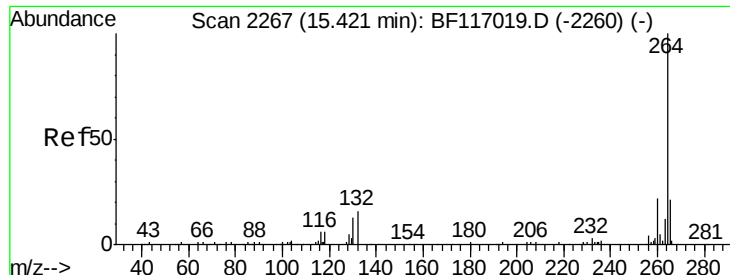
#86
Indeno(1,2,3-cd)pyrene
Concen: 32.141 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.02 min
Lab File: BF117214.D
Acq: 24 Sep 2019 13:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	20.7	31.1
277	24.5	19.8	29.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

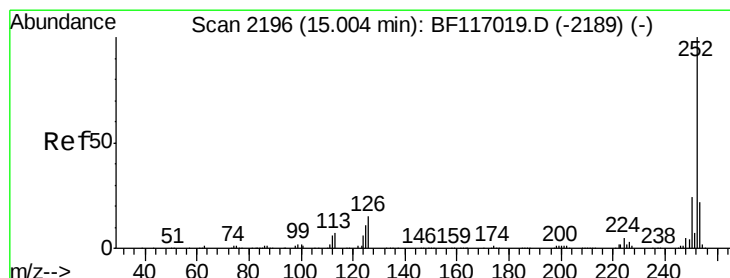
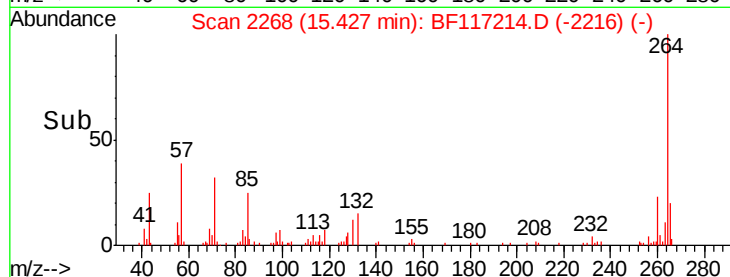
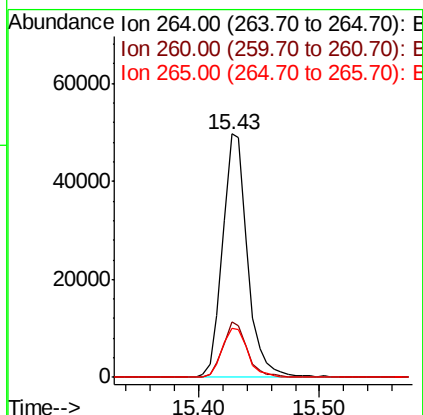
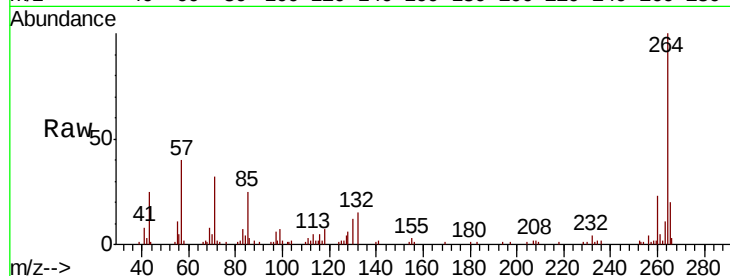




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.01 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

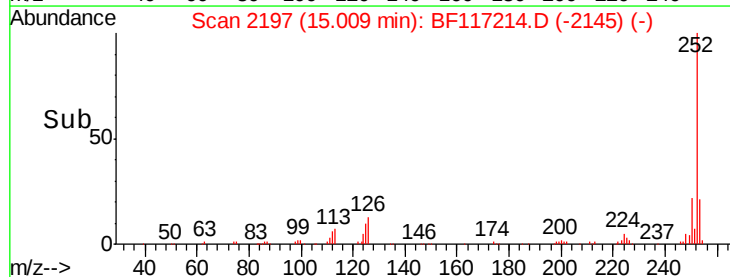
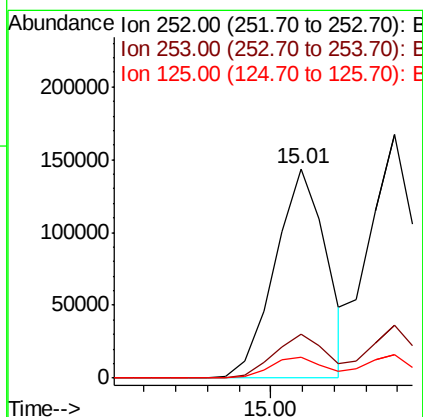
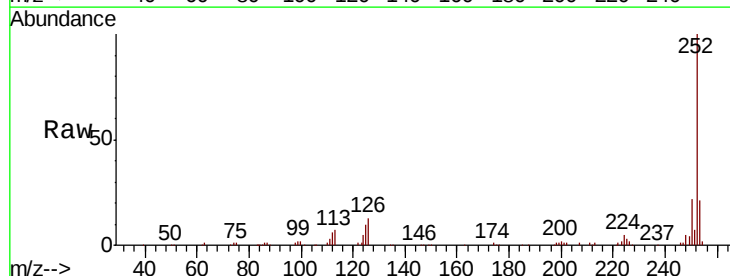
Instrument :
 BNA_F
 ClientSampleId :

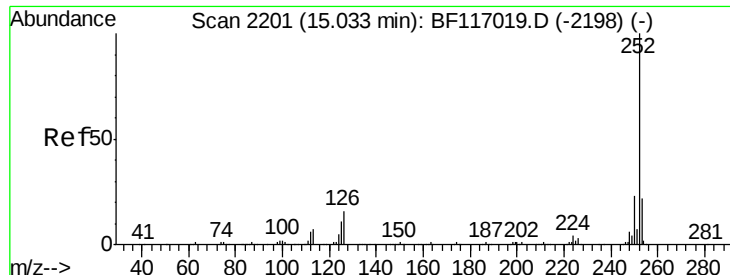
Tot Ion:264 Resp: 70804
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.6 26.4
 265 20.1 16.6 24.8



#88
 Benzo(b)fluoranthene
 Concen: 37.874 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF117214.D
 Acq: 24 Sep 2019 13:13

Tgt Ion:252 Resp: 162438
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.6 26.4
 125 9.9 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 42.431 ng

RT: 15.04 min Scan# 2202

Delta R.T. 0.01 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

Instrument :

BNA_F

ClientSampleId :

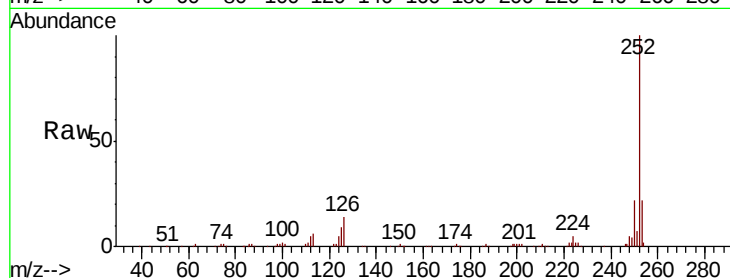
Tot Ion:252 Resp: 172387

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

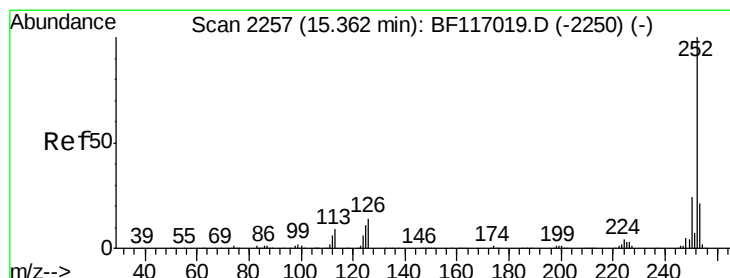
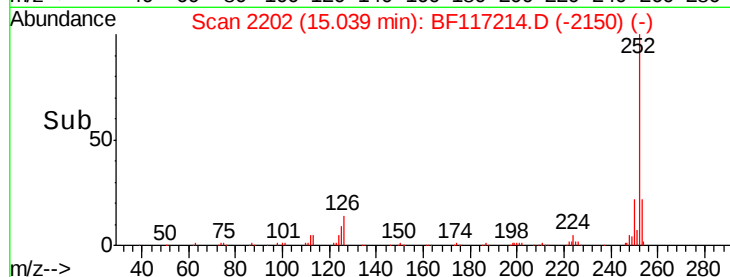
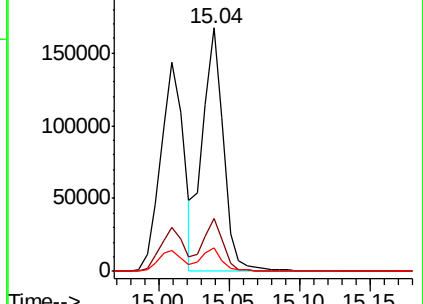
125 9.4 8.8 13.2



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: 38.565 ng

RT: 15.37 min Scan# 2259

Delta R.T. 0.01 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

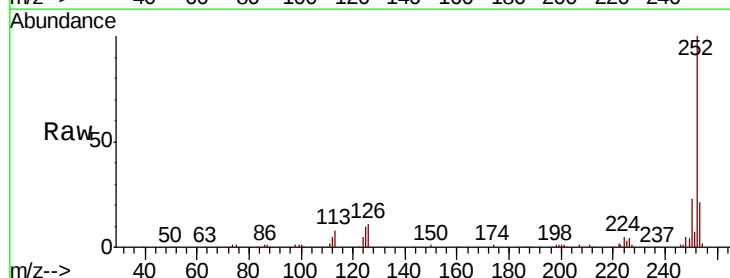
Tgt Ion:252 Resp: 145142

Ion Ratio Lower Upper

252 100

253 21.3 16.6 25.0

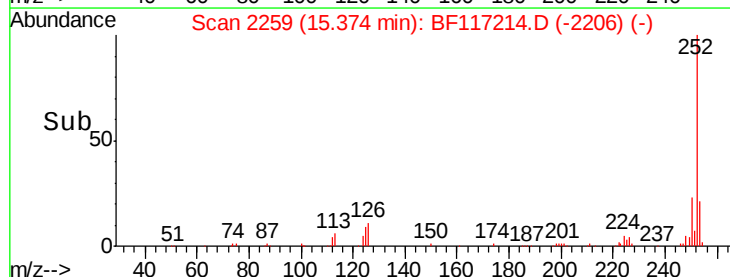
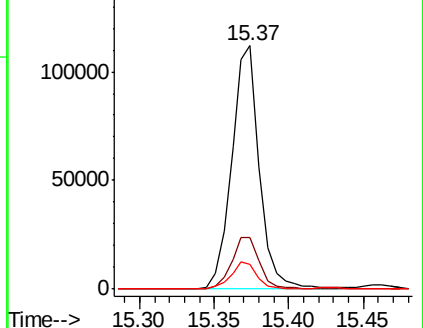
125 9.9 8.9 13.3

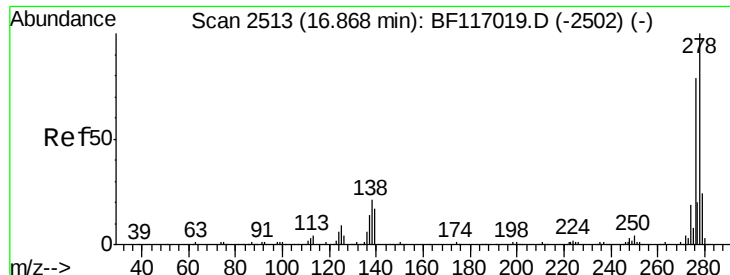


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.201 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.02 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

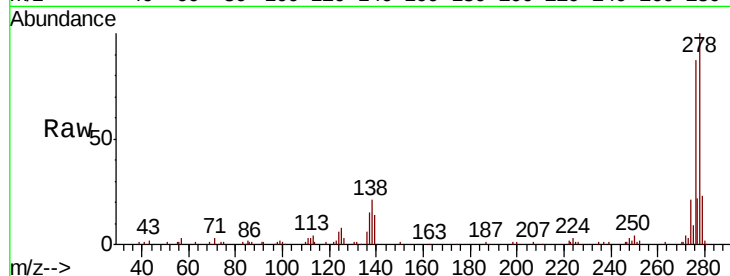
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 117531

Ion	Ratio	Lower	Upper
278	100		
139	13.8	13.5	20.3
279	22.5	18.8	28.2

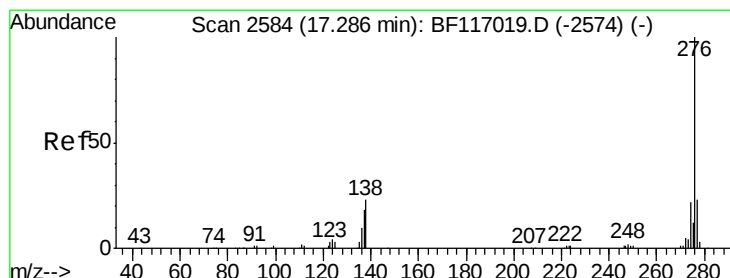
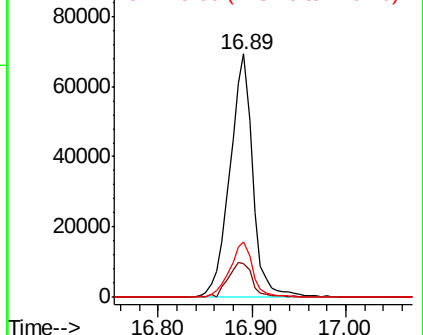
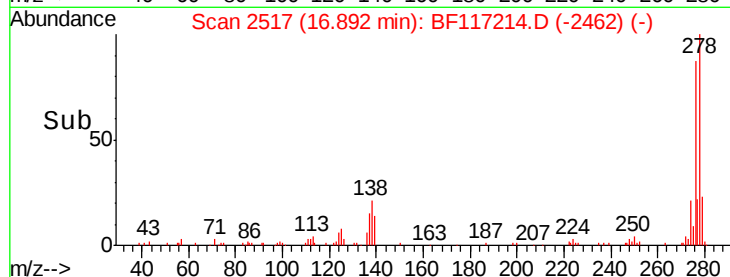


Abundance

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: 37.185 ng

RT: 17.32 min Scan# 2590

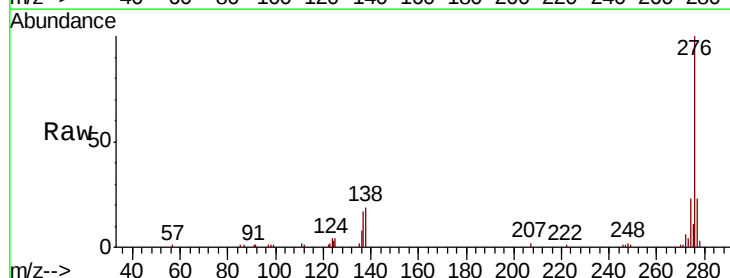
Delta R.T. 0.04 min

Lab File: BF117214.D

Acq: 24 Sep 2019 13:13

Tgt Ion:276 Resp: 111094

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	27.8
138	18.8	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

