

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117121.D
 Acq On : 17 Sep 2019 21:44
 Operator : HP/JU
 Sample : K4661-06MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 03:53:54 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	62741	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	240454	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	126206	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	209556	20.00	ng	0.00
76) Chrysene-d12	13.97	240	150089	20.00	ng	0.00
87) Perylene-d12	15.41	264	131528	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	501143	124.70	ng	0.02
7) Phenol-d6	6.47	99	626633	120.66	ng	0.01
23) Nitrobenzene-d5	7.39	82	463621	101.31	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	164286	155.75	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	820021	101.59	ng	0.00
79) Terphenyl-d14	12.92	244	834408	103.92	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	64254	38.210	ng	# 87
3) Pyridine	3.43	79	99578	21.635	ng	98
4) n-Nitrosodimethylamine	3.34	42	68181	43.165	ng	# 100
6) Aniline	6.49	93	75767	11.331	ng	# 82
8) 2-Chlorophenol	6.62	128	200369	46.218	ng	99
9) Benzaldehyde	6.37	77	48720	12.219	ng	97
10) Phenol	6.48	94	218628	38.185	ng	92
11) bis(2-Chloroethyl)ether	6.56	93	191554	45.522	ng	97
12) 1,3-Dichlorobenzene	6.77	146	193389	39.753	ng	96
13) 1,4-Dichlorobenzene	6.84	146	202682	40.825	ng	99
14) 1,2-Dichlorobenzene	7.00	146	187619	40.590	ng	99
15) Benzyl Alcohol	6.97	79	187467	47.071	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	175873	42.304	ng	85
17) 2-Methylphenol	7.09	107	159430	43.879	ng	91
18) Hexachloroethane	7.33	117	75306	39.429	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	147927	46.776	ng	98
20) 3+4-Methylphenols	7.24	107	205668	45.444	ng	# 83
22) Acetophenone	7.23	105	304352	49.819	ng	97
24) Nitrobenzene	7.40	77	223122	49.370	ng	99
25) Isophorone	7.65	82	407957	50.347	ng	98
26) 2-Nitrophenol	7.72	139	104404	53.783	ng	97
27) 2,4-Dimethylphenol	7.76	122	176659	57.387	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	248239	49.725	ng	99
29) 2,4-Dichlorophenol	7.97	162	171674	53.223	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	163655	46.962	ng	99
31) Naphthalene	8.13	128	577692	49.955	ng	98
32) Benzoic acid	7.89	122	67538	31.658	ng	95
33) 4-Chloroaniline	8.18	127	29152	5.684	ng	95
34) Hexachlorobutadiene	8.25	225	90311	45.678	ng	99
35) Caprolactam	8.55	113	25617	23.463	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	198860	52.873	ng	98
37) 2-Methylnaphthalene	8.82	142	404407	51.931	ng	98
38) 1-Methylnaphthalene	8.92	142	372621	51.090	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	158505	48.636	ng	99

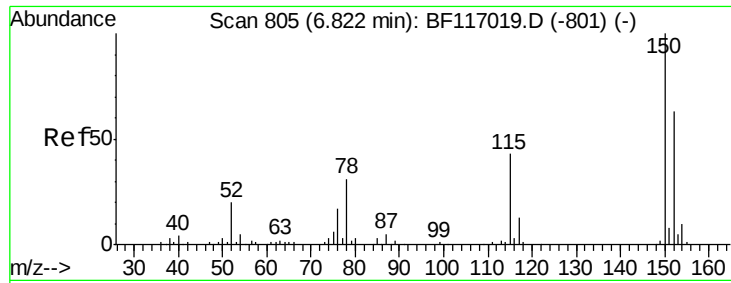
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	130183	89.353	nq	98
43) 2,4,6-Trichlorophenol	9.10	196	111071	50.221	nq	97
44) 2,4,5-Trichlorophenol	9.15	196	122265	51.743	nq	94
46) 1,1'-Biphenyl	9.27	154	480446	48.532	nq	100
47) 2-Chloronaphthalene	9.30	162	380776	48.737	nq	99
48) 2-Nitroaniline	9.40	65	125830	50.212	nq	93
49) Acenaphthylene	9.72	152	603037	51.523	nq	99
50) Dimethylphthalate	9.57	163	468820	52.464	nq	99
51) 2,6-Dinitrotoluene	9.64	165	100574	55.261	nq	92
52) Acenaphthene	9.89	154	344796	49.696	nq	99
53) 3-Nitroaniline	9.81	138	42155	18.358	nq	98
54) 2,4-Dinitrophenol	9.92	184	70119	88.169	nq	94
55) Dibenzofuran	10.06	168	526236	51.407	nq	99
56) 4-Nitrophenol	9.99	139	133208	89.507	nq	94
57) 2,4-Dinitrotoluene	10.05	165	136842	57.924	nq	96
58) Fluorene	10.40	166	436218	52.901	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.18	232	95724	52.938	nq	99
60) Diethylphthalate	10.27	149	463605	52.734	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	188115	52.727	nq	98
62) 4-Nitroaniline	10.43	138	113548	47.549	nq	97
63) Azobenzene	10.55	77	465722	51.868	nq	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	50870	52.518	nq	90
66) n-Nitrosodiphenylamine	10.51	169	380318	52.550	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	112388	52.516	nq	95
68) Hexachlorobenzene	10.95	284	116737	49.872	nq	# 92
69) Atrazine	11.03	200	91042	53.050	nq	98
70) Pentachlorophenol	11.15	266	120498	109.823	nq	96
71) Phenanthrene	11.36	178	618916	51.998	nq	99
72) Anthracene	11.42	178	647323	53.270	nq	99
73) Carbazole	11.57	167	605733	52.515	nq	99
74) Di-n-butylphthalate	11.89	149	735700	53.609	nq	98
75) Fluoranthene	12.55	202	638446	52.203	nq	99
78) Pyrene	12.77	202	651352	51.721	nq	99
80) Butylbenzylphthalate	13.38	149	317522	53.359	nq	99
81) Benzo(a)anthracene	13.96	228	498608	49.723	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	83244	25.761	nq	97
83) Chrysene	14.00	228	505465	51.683	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	429947	56.037	nq	98
85) Di-n-octyl phthalate	14.54	149	706195	58.479	nq	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	409602	57.405	nq	98
88) Benzo(b)fluoranthene	15.00	252	413776	51.935	nq	99
89) Benzo(k)fluoranthene	15.03	252	409832	54.304	nq	98
90) Benzo(a)pyrene	15.36	252	387779	55.466	nq	98
91) Dibenzo(a,h)anthracene	16.86	278	344530	61.860	nq	99
92) Benzo(g,h,i)perylene	17.29	276	341899	61.604	nq	98

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

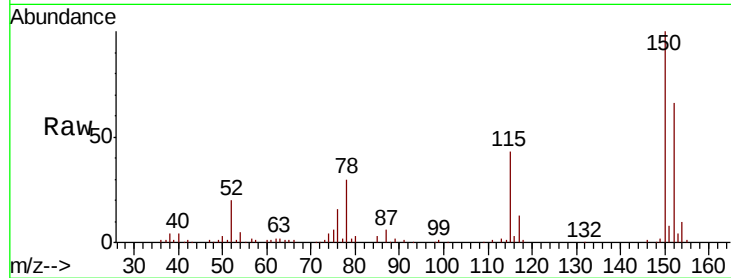


#1

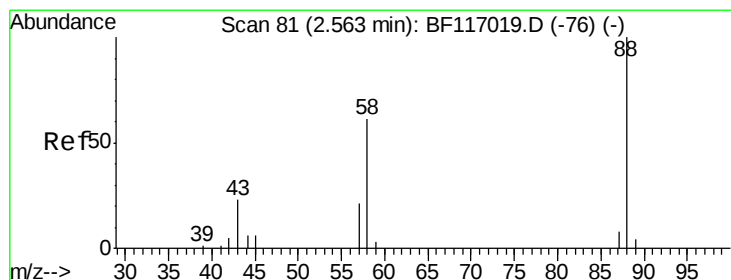
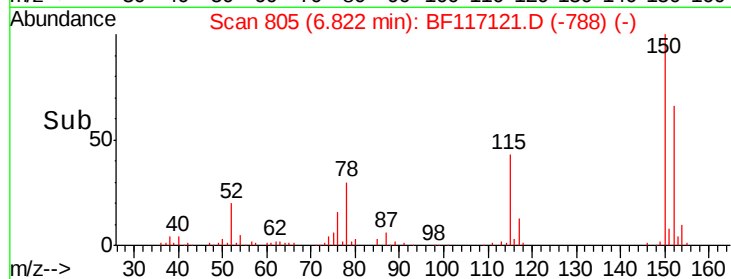
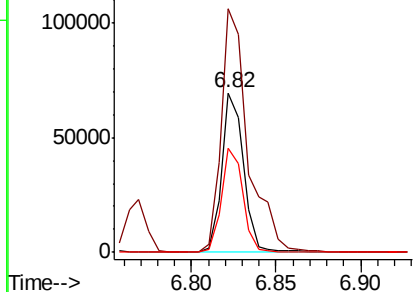
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 62741
Ion Ratio Lower Upper
152 100
150 152.6 127.5 191.3
115 65.6 55.0 82.4



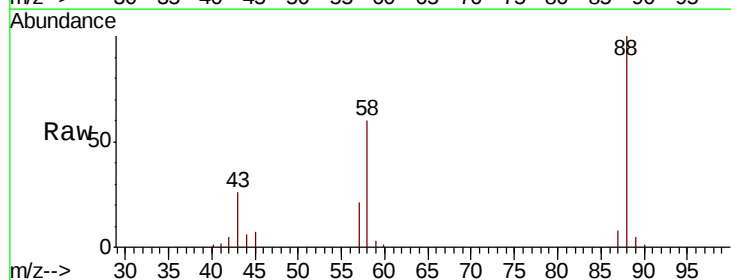
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



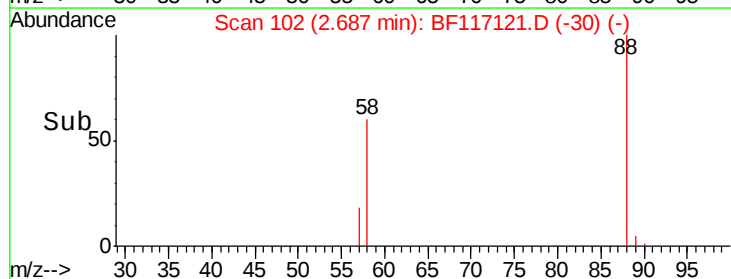
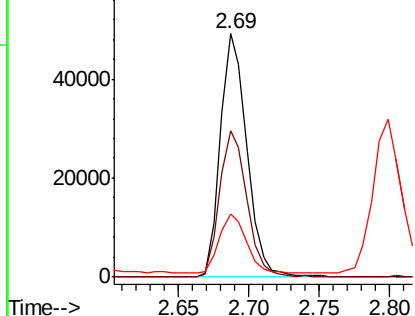
#2

1,4-Dioxane
Concen: 38.210 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.12 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion: 88 Resp: 64254
Ion Ratio Lower Upper
88 100
58 61.7 49.3 73.9
43 0.0 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: 21.635 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.12 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA_F

ClientSampleId :

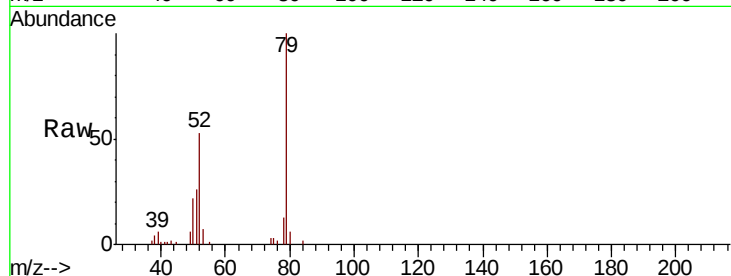
Tot Ion: 79 Resp: 99578

Ion Ratio Lower Upper

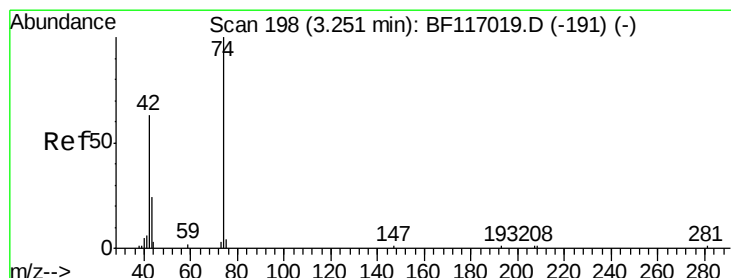
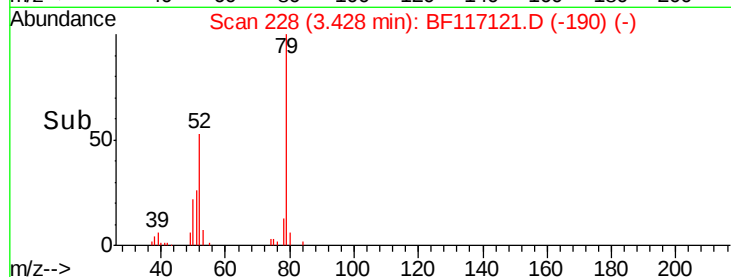
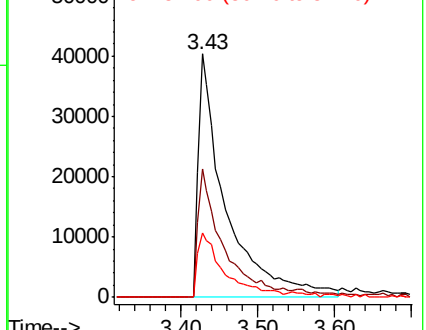
79 100

52 52.7 43.5 65.3

51 26.4 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: 43.165 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.09 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

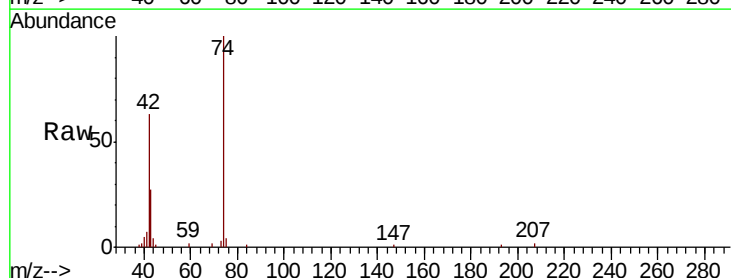
Tgt Ion: 42 Resp: 68181

Ion Ratio Lower Upper

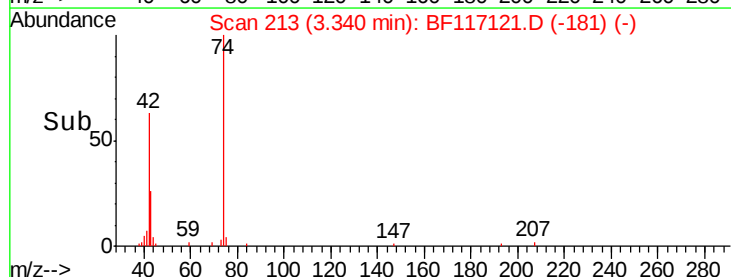
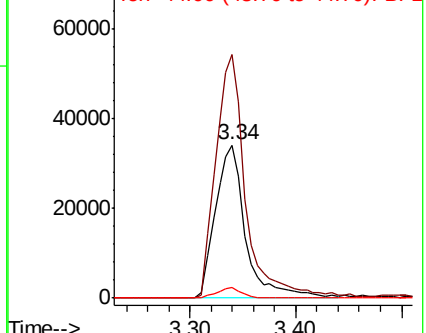
42 100

74 159.0 127.1 190.7

44 6.7 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: 124.704 ng

RT: 5.46 min Scan# 574

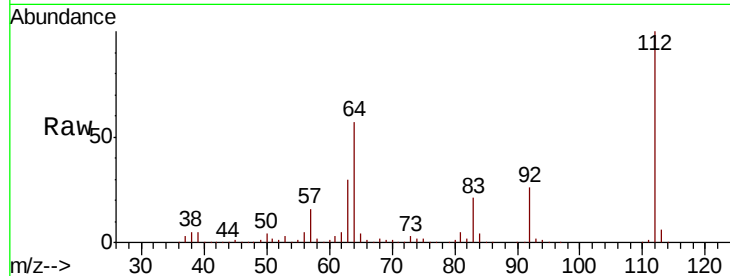
Delta R.T. 0.02 min

Lab File: BF117121.D

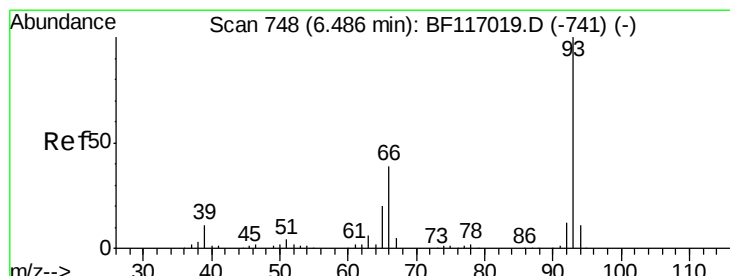
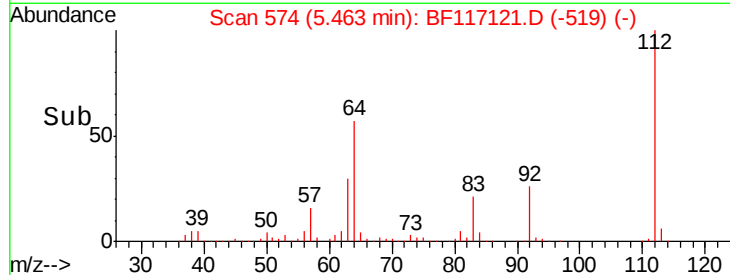
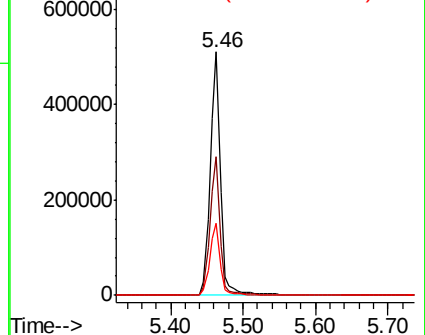
Acq: 17 Sep 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	501143
Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.7	68.5
63	29.5	24.9	37.3



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



#6

Aniline

Concen: 11.331 ng

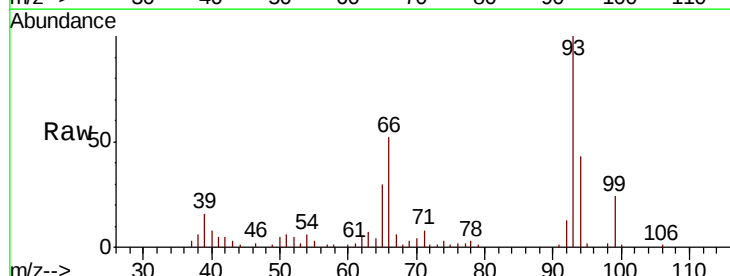
RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

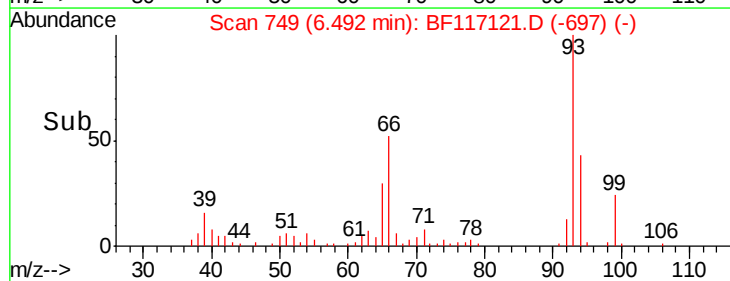
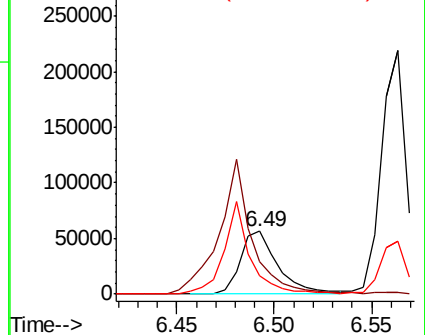
Lab File: BF117121.D

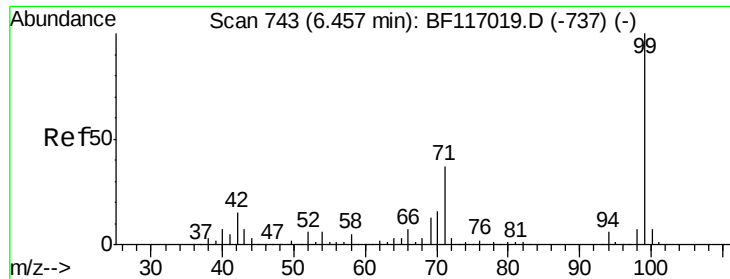
Acq: 17 Sep 2019 21:44

Tgt Ion:	93	Resp:	75767
Ion	Ratio	Lower	Upper
93	100		
66	51.5	32.6	49.0#
65	29.6	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: 120.656 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA_F

ClientSampleId :

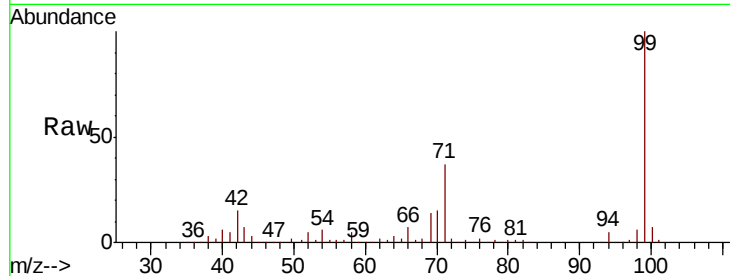
Tot Ion: 99 Resp: 626633

Ion Ratio Lower Upper

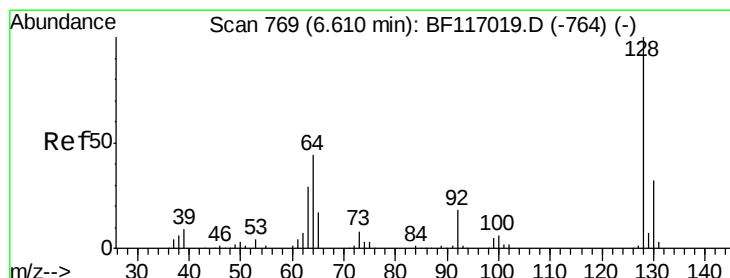
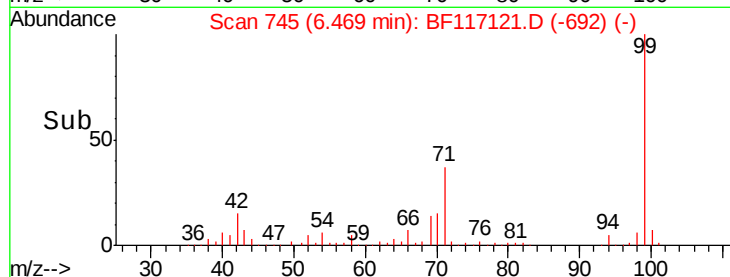
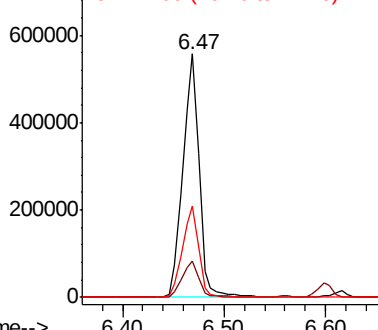
99 100

42 15.0 12.2 18.2

71 37.3 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: 46.218 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

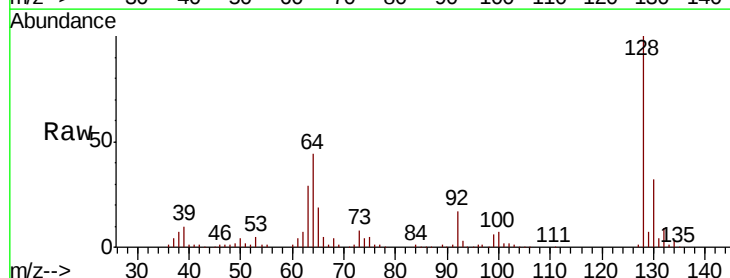
Tgt Ion: 128 Resp: 200369

Ion Ratio Lower Upper

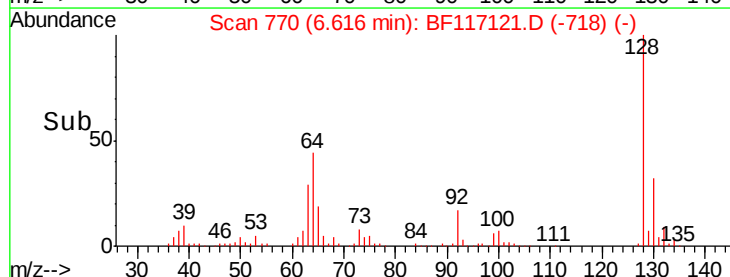
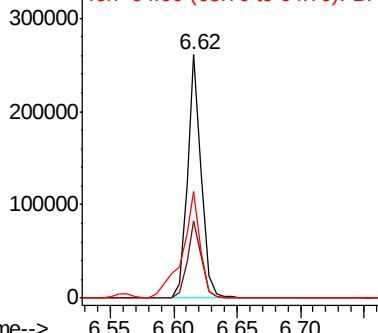
128 100

130 31.6 11.8 51.8

64 43.7 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: 12.219 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA_F

ClientSampleId :

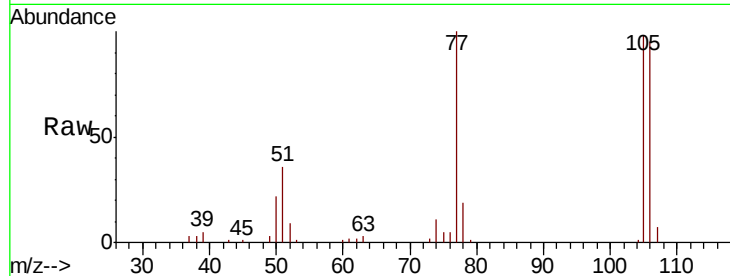
Tot Ion: 77 Resp: 48720

Ion Ratio Lower Upper

77 100

105 98.0 81.8 121.8

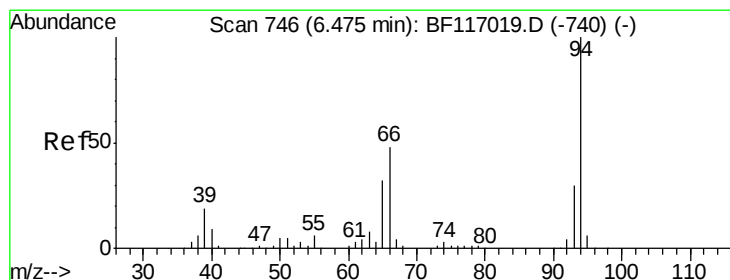
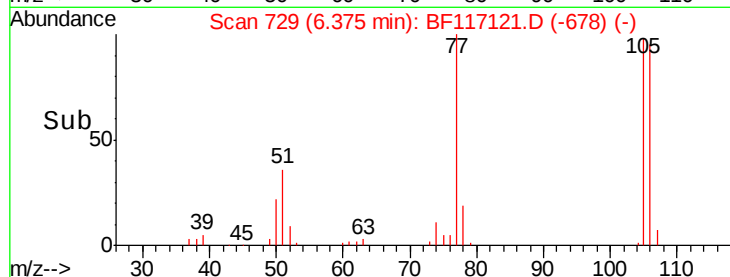
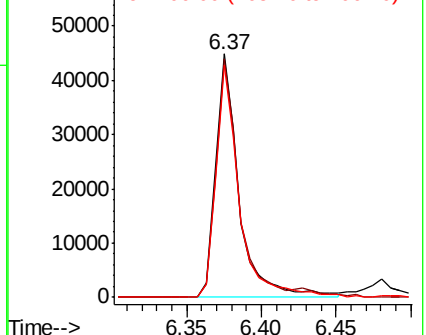
106 95.3 77.3 117.3



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: 38.185 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

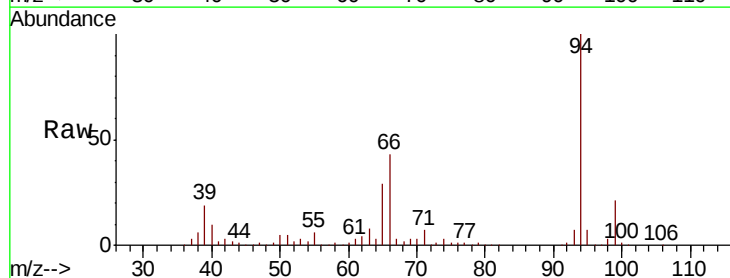
Tgt Ion: 94 Resp: 218628

Ion Ratio Lower Upper

94 100

65 29.3 12.5 52.5

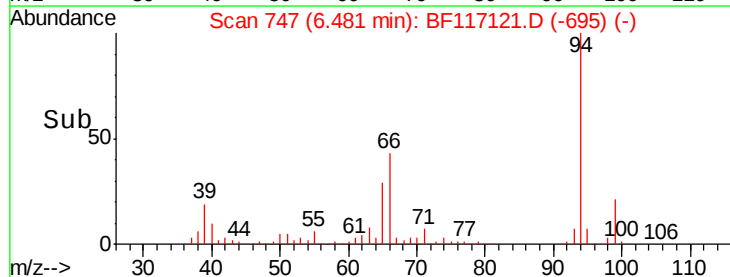
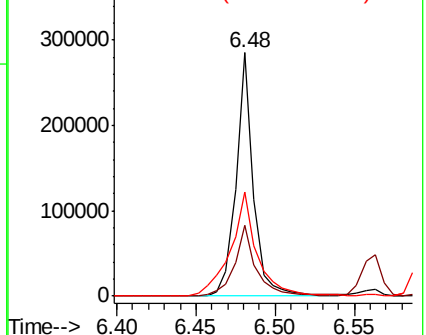
66 42.7 28.9 68.9



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



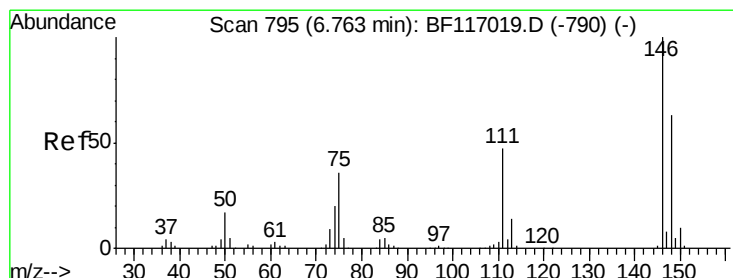
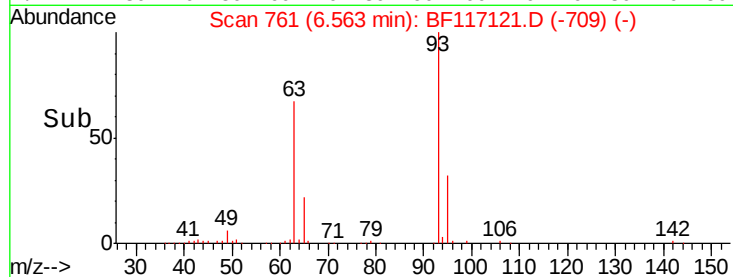
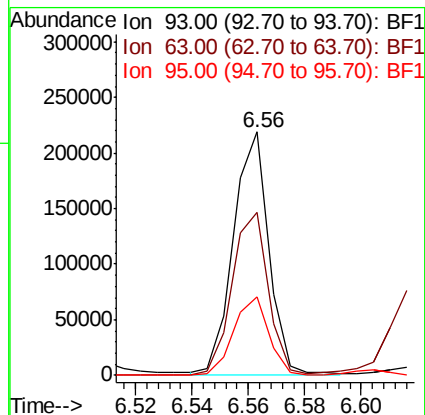
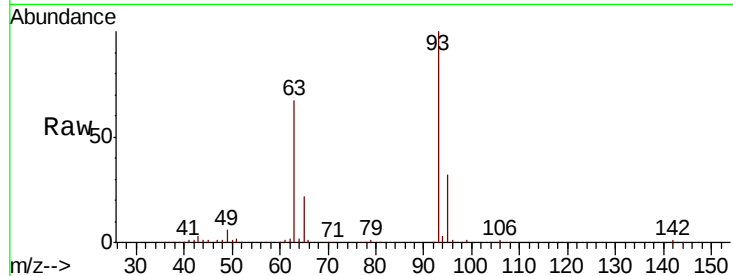


#11

bis(2-Chloroethyl)ether
Concen: 45.522 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Instrument :
BNA_F
ClientSampled :

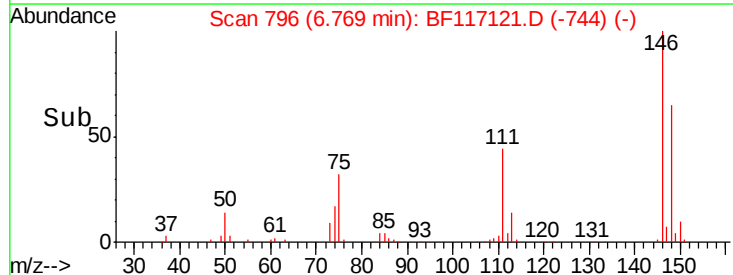
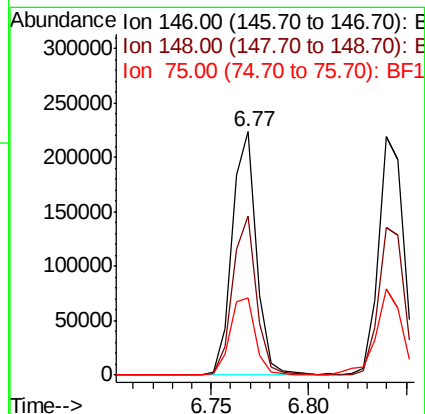
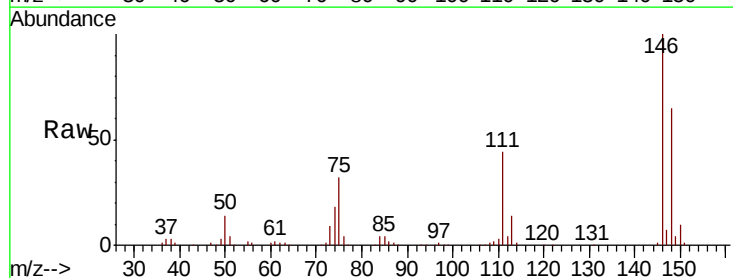
Tot Ion	93	Ratio	Lower	Upper
93	100			
63	66.7	49.3	89.3	
95	32.4	11.5	51.5	

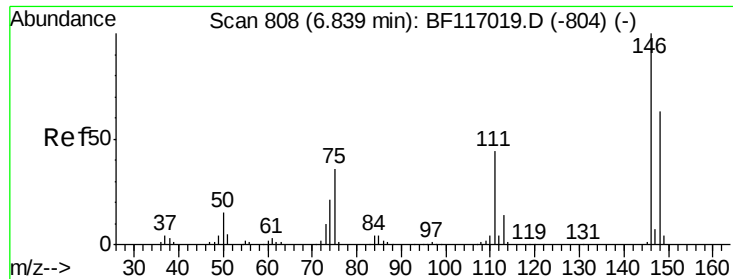


#12

1,3-Dichlorobenzene
Concen: 39.753 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion	146	Ratio	Lower	Upper
146	100			
148	65.5	50.8	76.2	
75	32.0	28.7	43.1	

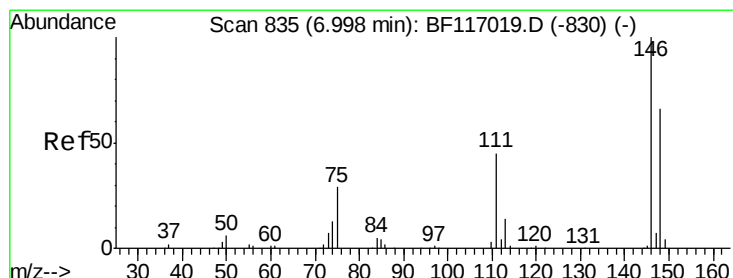
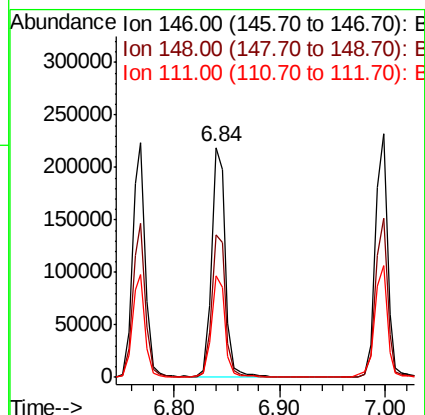
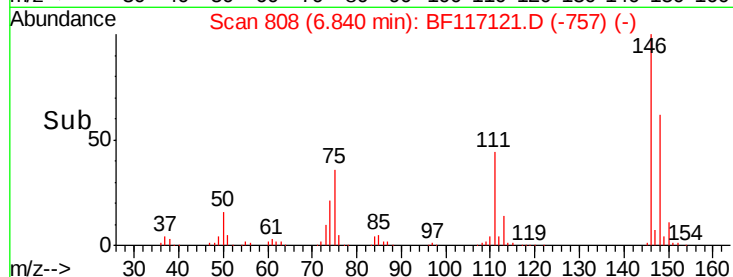
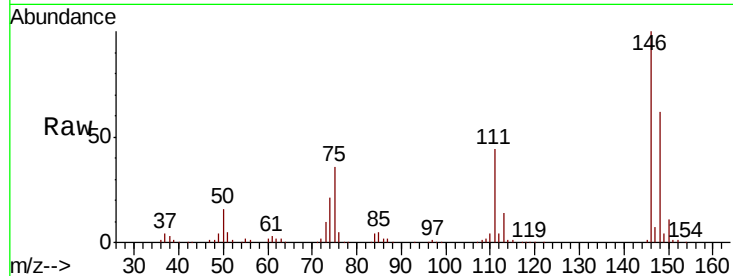




#13
 1,4-Dichlorobenzene
 Concen: 40.825 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

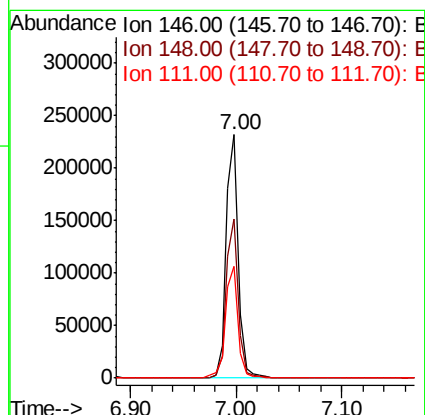
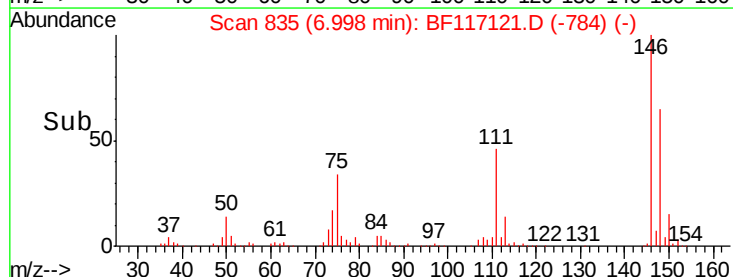
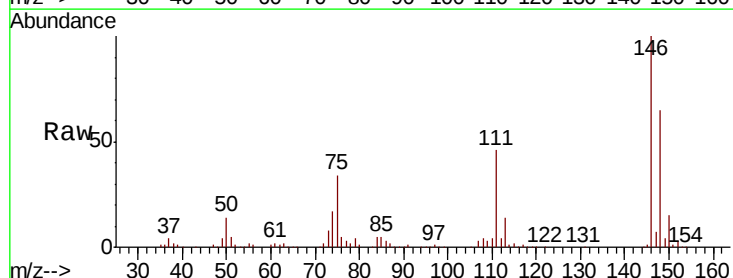
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 202682
 Ion Ratio Lower Upper
 146 100
 148 62.0 50.6 76.0
 111 44.2 35.0 52.6



#14
 1,2-Dichlorobenzene
 Concen: 40.590 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion:146 Resp: 187619
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.6 78.8
 111 46.0 36.2 54.2

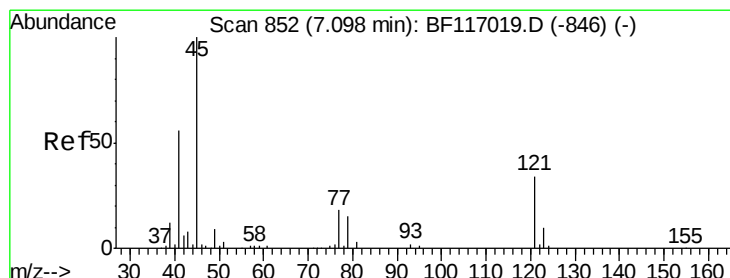
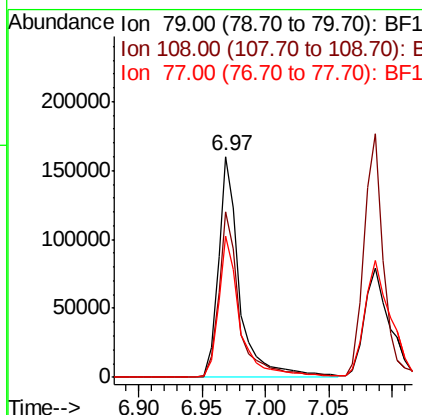
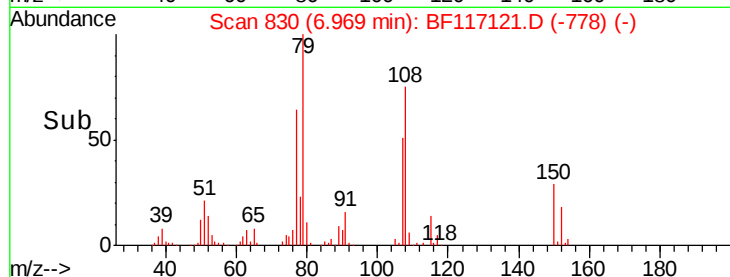
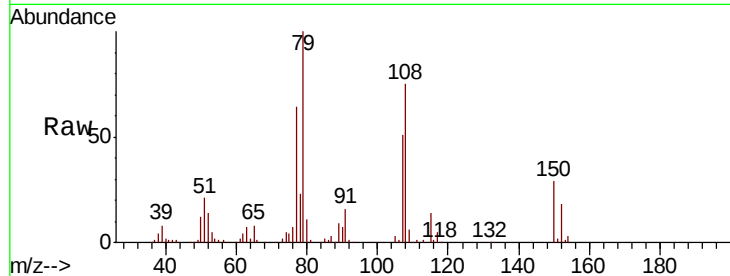




#15
Benzyl Alcohol
Concen: 47.071 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

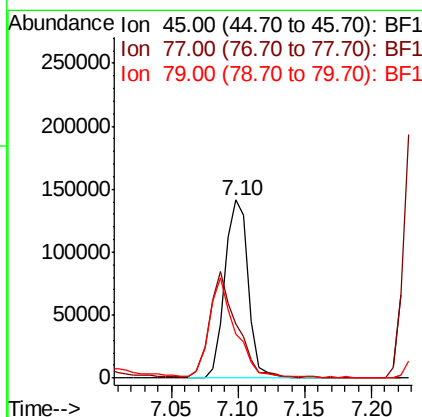
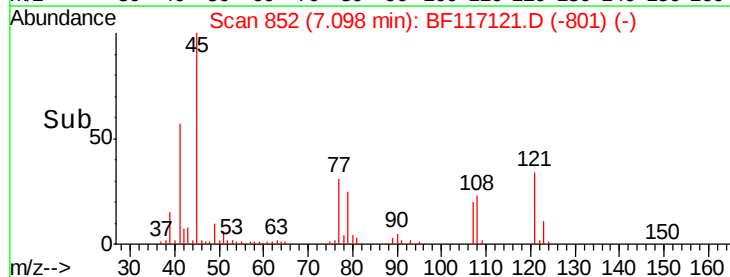
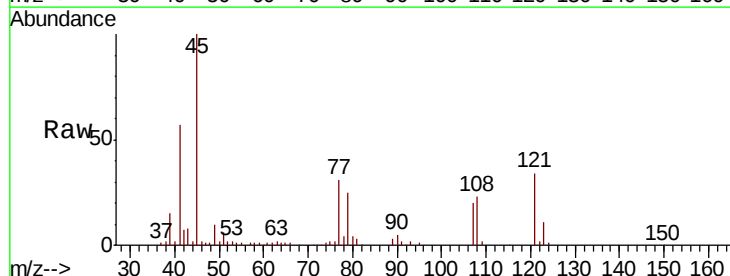
Instrument :
BNA_F
ClientSampleId :

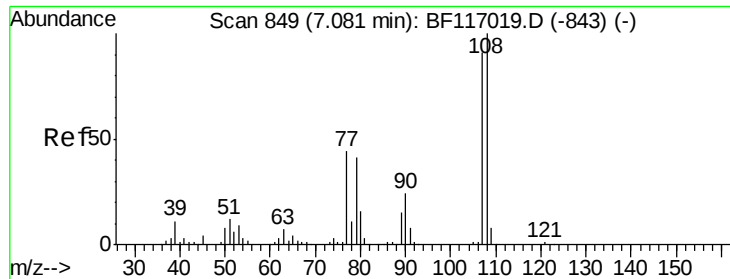
Tot Ion	Ratio	Lower	Upper
79	100		
108	74.9	59.4	89.0
77	64.1	50.2	75.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.304 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.7	2.7	42.7
79	24.6	0.0	38.9

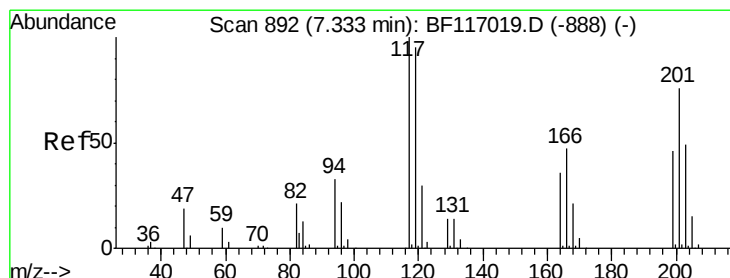
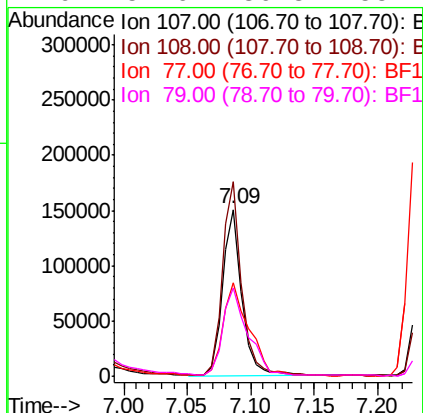
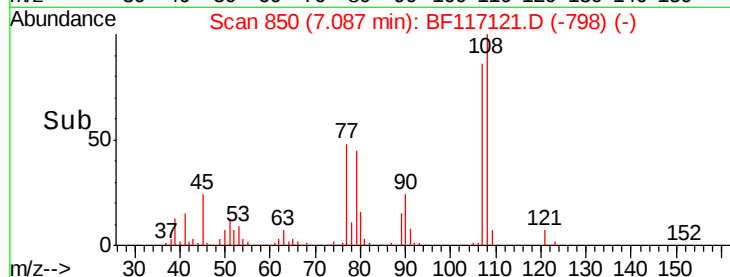
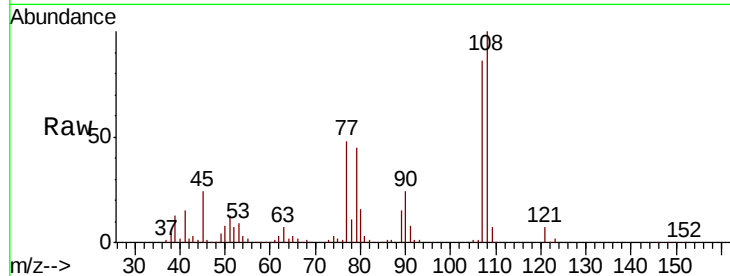




#17
2-Methylphenol
Concen: 43.879 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

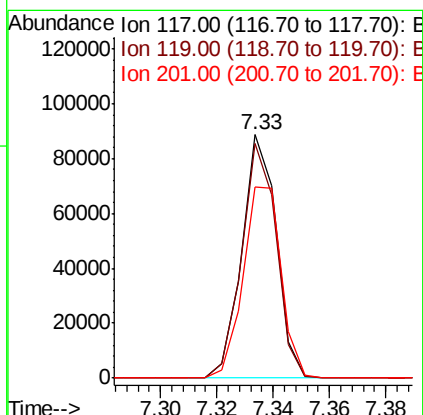
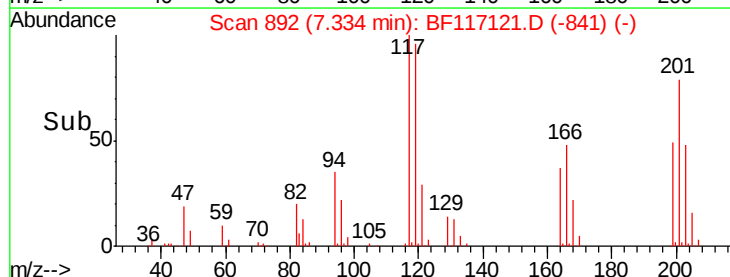
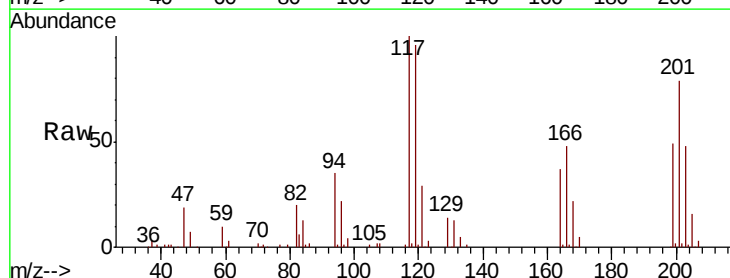
Instrument :
BNA_F
ClientSampleId :

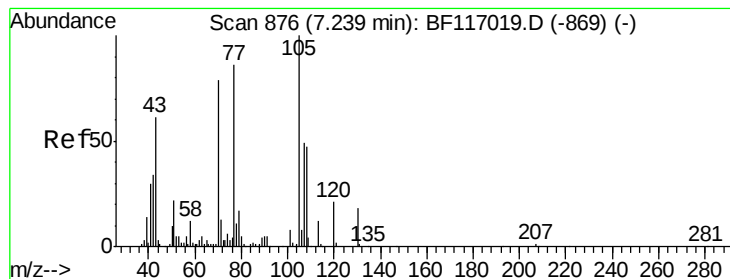
Tot Ion:107 Resp: 159430
Ion Ratio Lower Upper
107 100
108 117.0 87.7 131.5
77 56.1 38.6 58.0
79 52.6 36.8 55.2



#18
Hexachloroethane
Concen: 39.429 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion:117 Resp: 75306
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.8
201 78.5 60.9 91.3





#19

n-Nitroso-di-n-propylamine

Concen: 46.776 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 147927

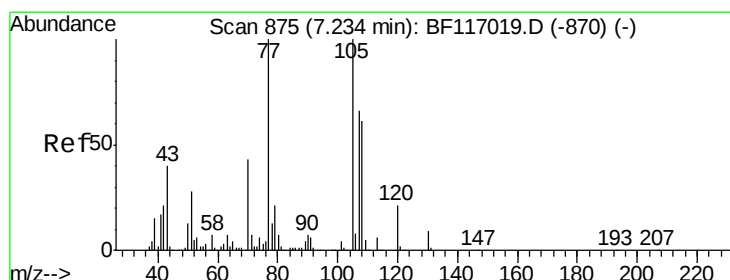
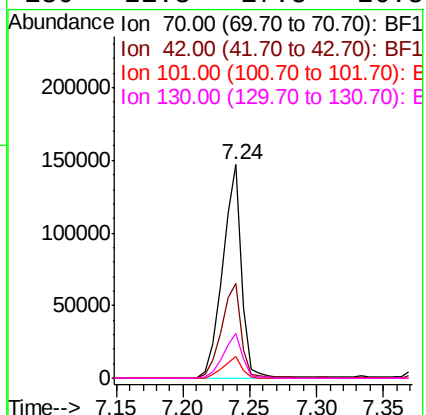
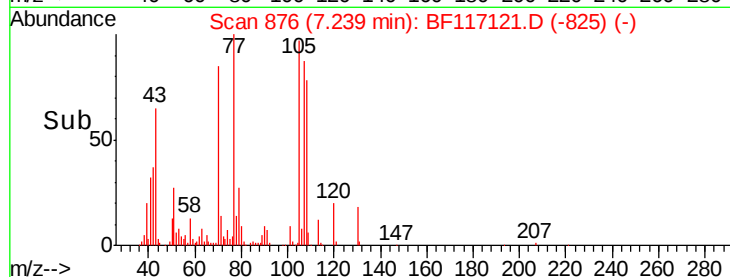
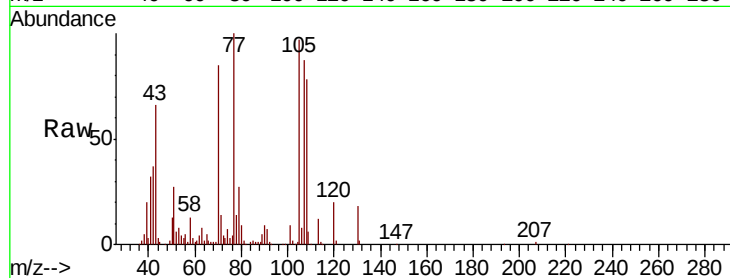
Ion Ratio Lower Upper

70 100

42 44.1 34.0 51.0

101 10.2 7.8 11.6

130 21.3 17.8 26.8



#20

3+4-Methylphenols

Concen: 45.444 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Tgt Ion: 107 Resp: 205668

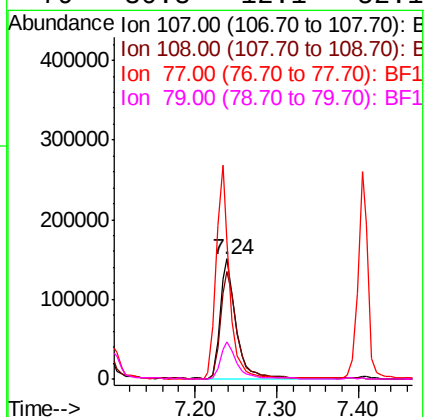
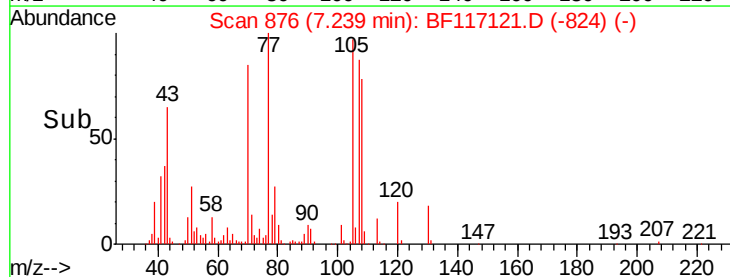
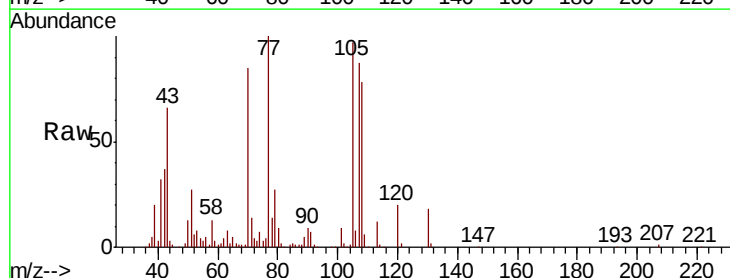
Ion Ratio Lower Upper

107 100

108 89.8 72.6 112.6

77 114.8 132.1 172.1#

79 30.8 12.1 52.1

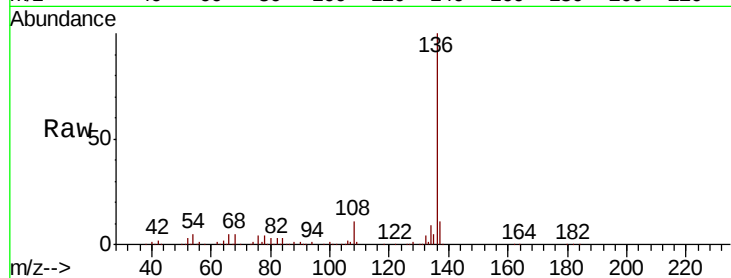




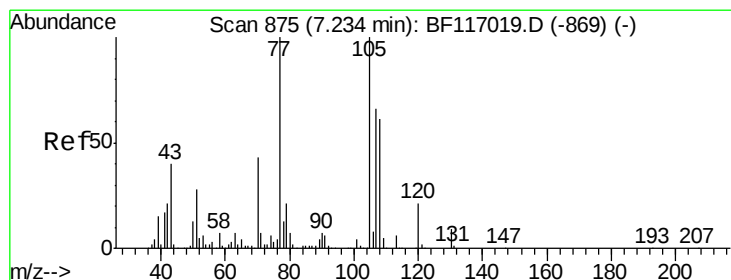
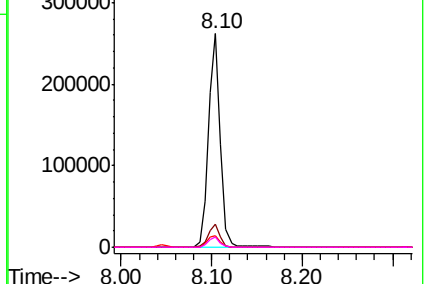
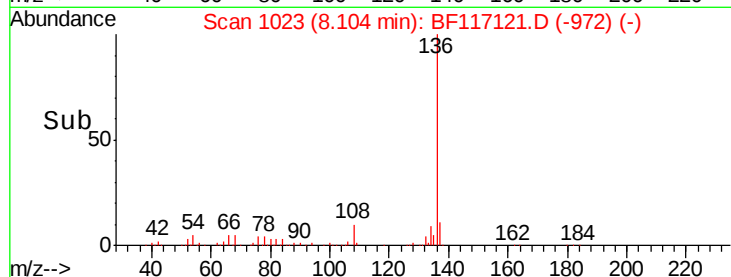
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	240454
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	5.3	4.5 6.7
68	4.6	4.0 6.0

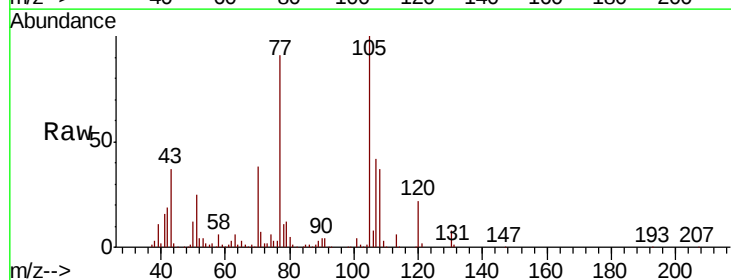


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

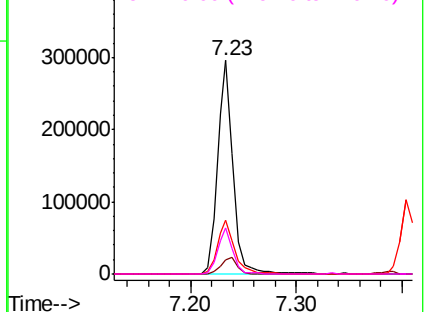
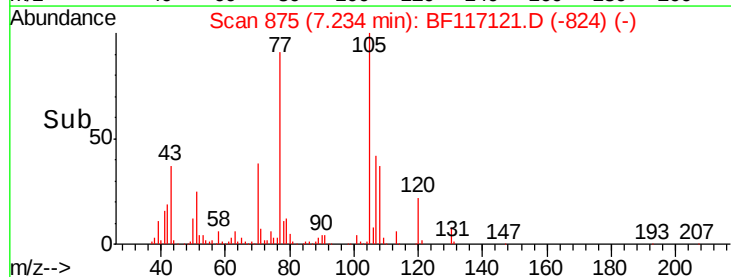


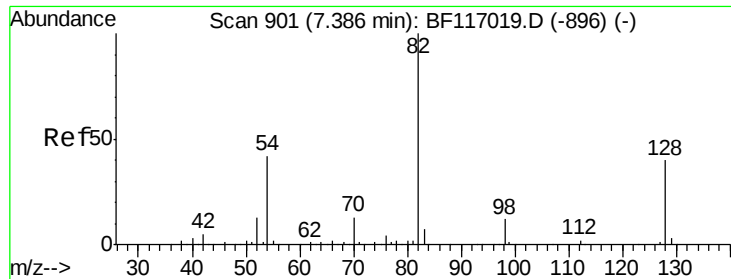
#22
Acetophenone
Concen: 49.819 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion:105	Resp:	304352
Ion Ratio	Lower	Upper
105	100	
71	6.6	5.7 8.5
51	25.4	22.1 33.1
120	21.8	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

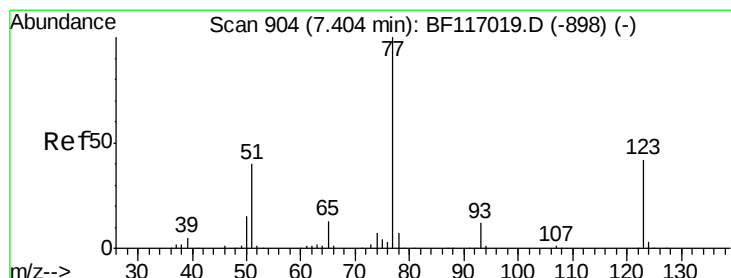
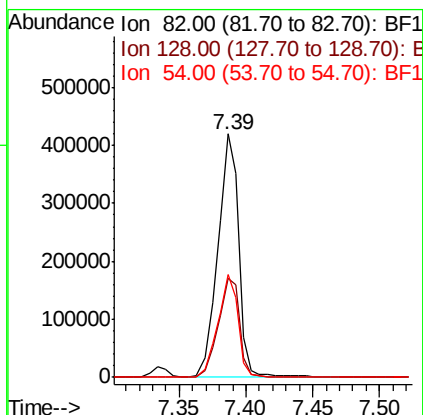
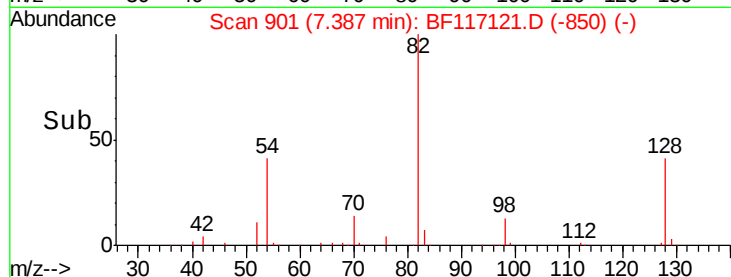
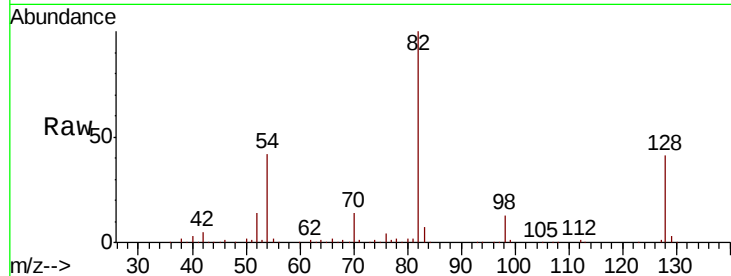




#23
 Nitrobenzene-d5
 Concen: 101.307 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

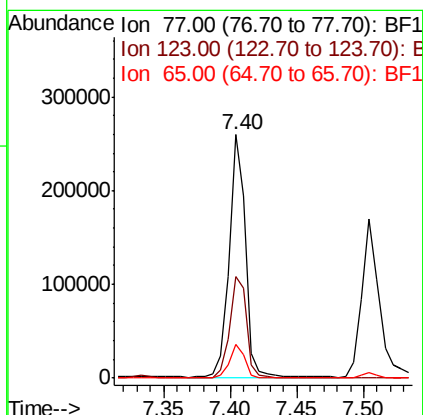
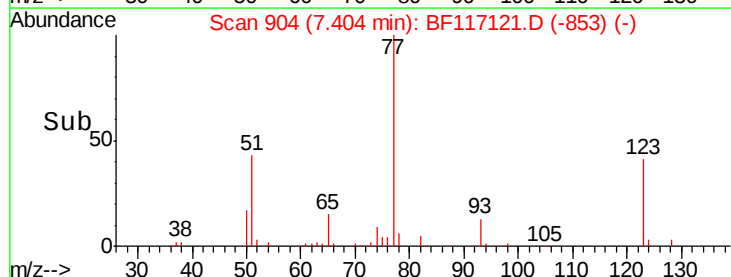
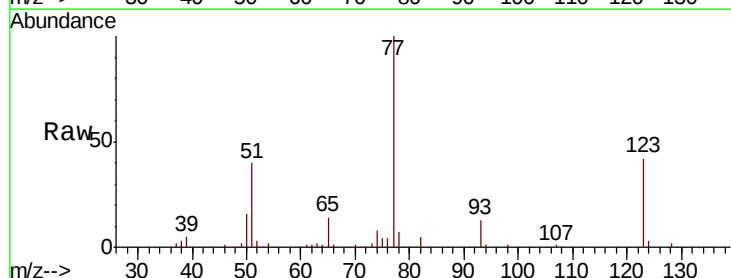
Instrument :
 BNA_F
 ClientSampled :

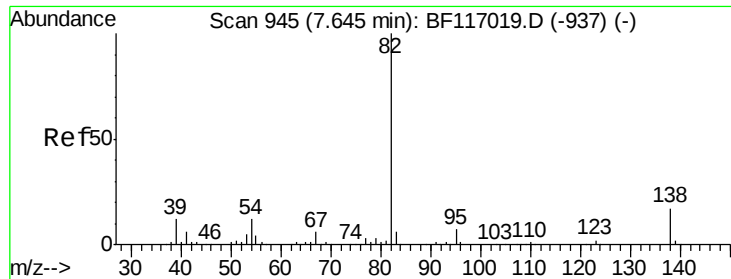
Tot Ion: 82 Resp: 463621
 Ion Ratio Lower Upper
 82 100
 128 40.7 32.3 48.5
 54 42.1 33.3 49.9



#24
 Nitrobenzene
 Concen: 49.370 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion: 77 Resp: 223122
 Ion Ratio Lower Upper
 77 100
 123 41.6 33.5 50.3
 65 13.7 10.5 15.7

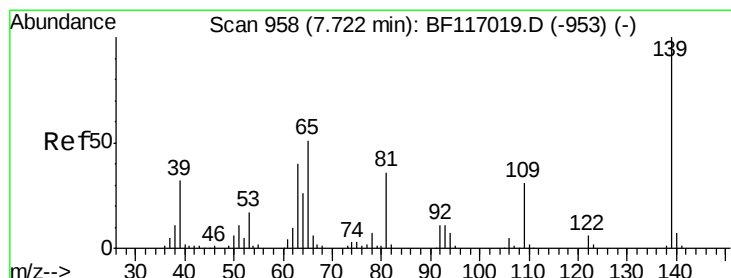
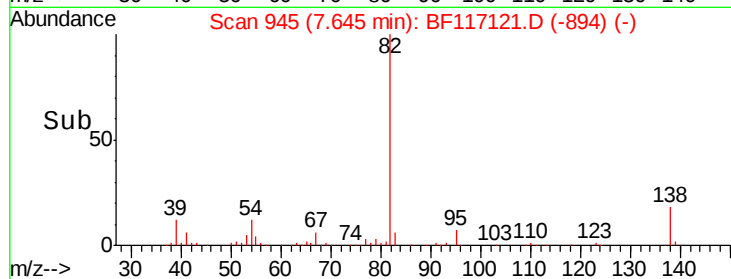
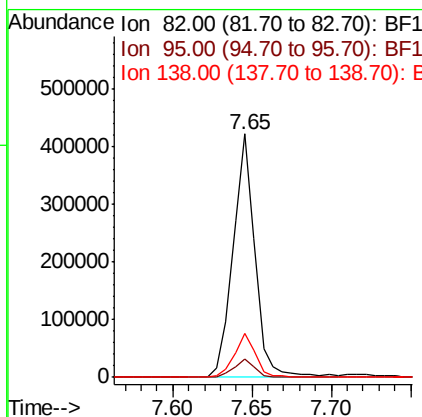
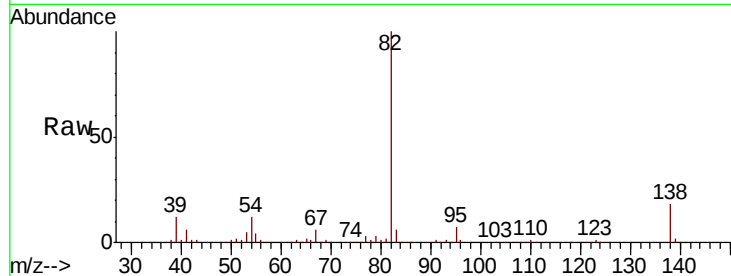




#25
Isophorone
Concen: 50.347 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

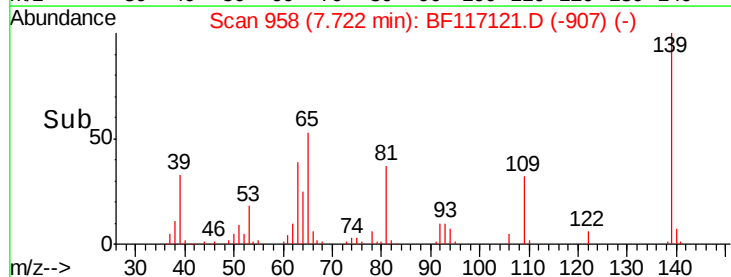
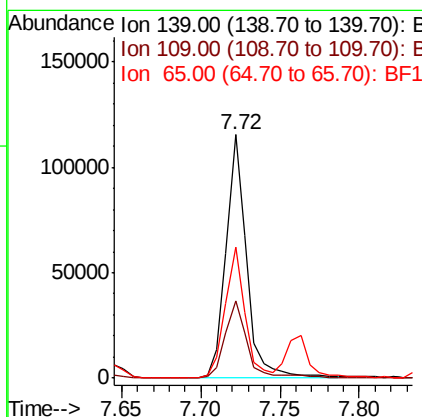
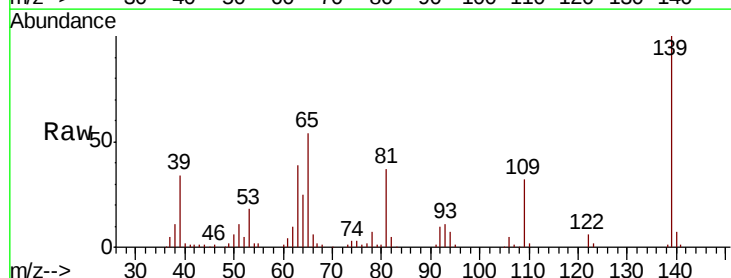
Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	407957
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.8	8.6
138	17.8	13.5	20.3



#26
2-Nitrophenol
Concen: 53.783 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion	139	Resp	104404
Ion Ratio	Lower	Upper	
139	100		
109	31.9	24.6	36.8
65	53.9	40.9	61.3

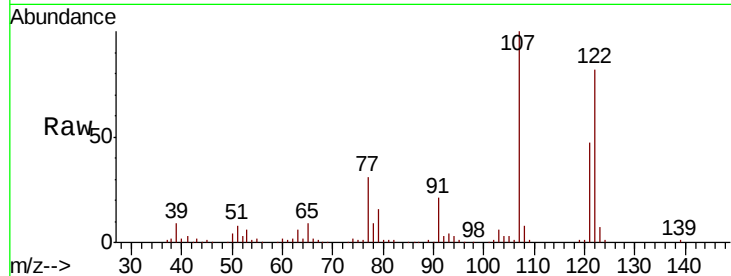




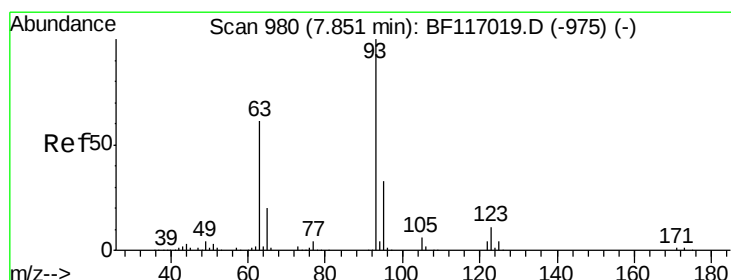
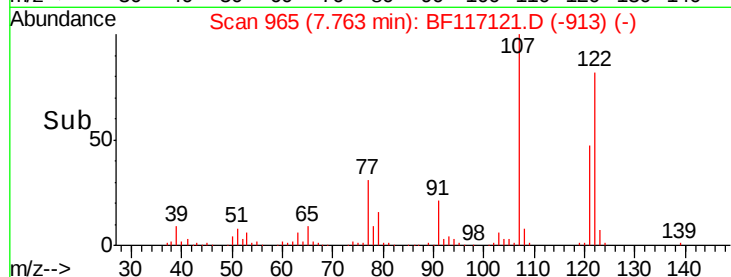
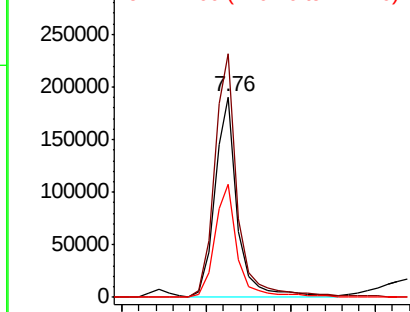
#27
 2,4-Dimethylphenol
 Concen: 57.387 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 176659
 Ion Ratio Lower Upper
 122 100
 107 121.5 98.9 148.3
 121 56.6 45.3 67.9

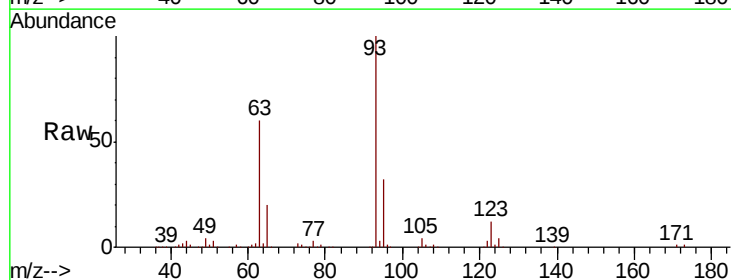


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

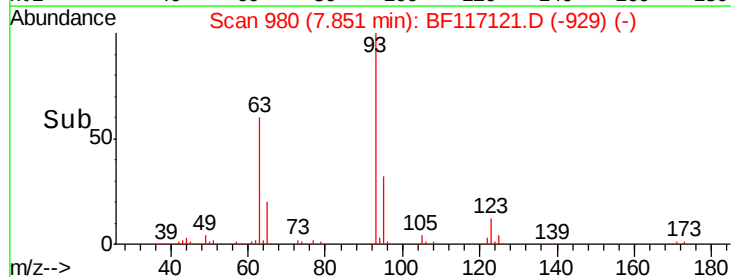
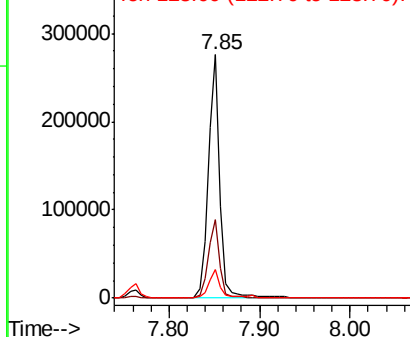


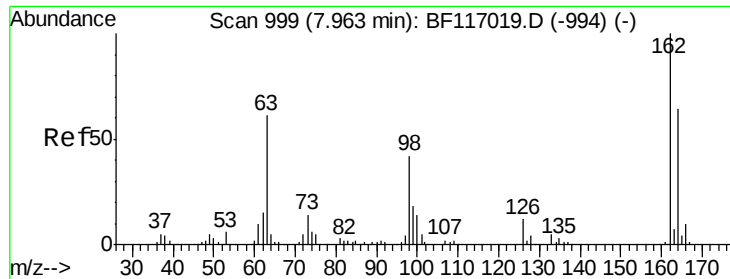
#28
 bis(2-Chloroethoxy)methane
 Concen: 49.725 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion: 93 Resp: 248239
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.2 39.4
 123 11.6 9.0 13.6



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

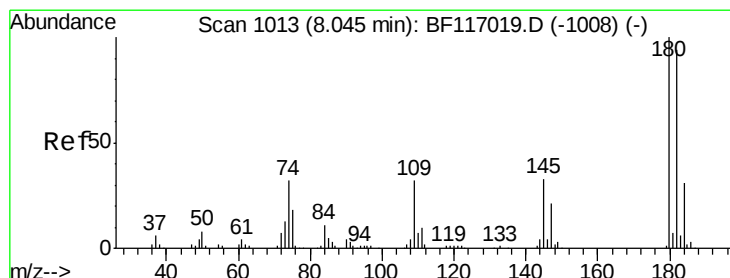
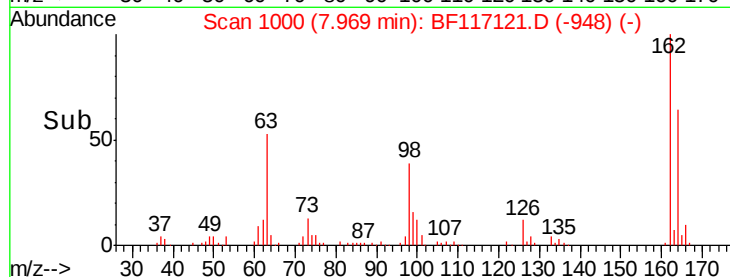
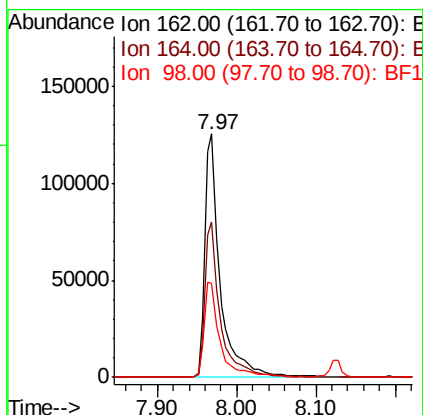
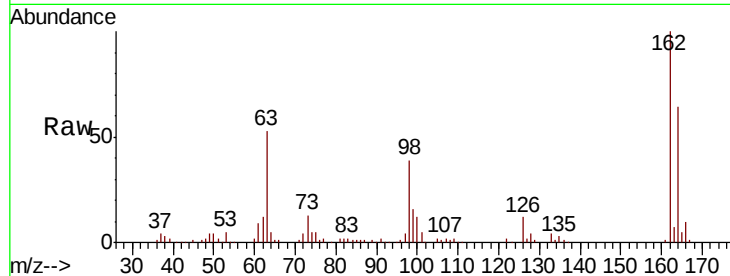




#29
 2,4-Dichlorophenol
 Concen: 53.223 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

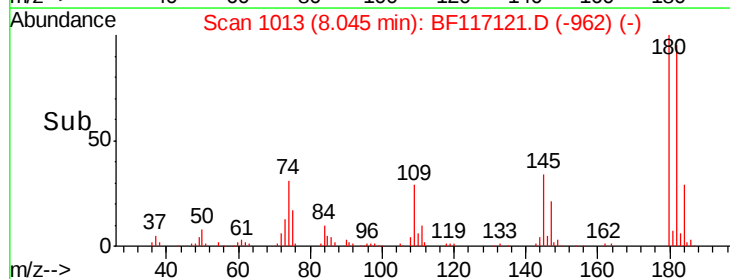
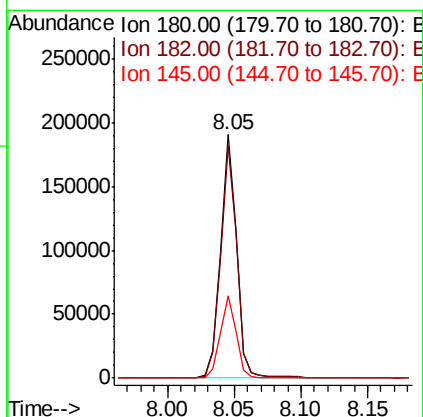
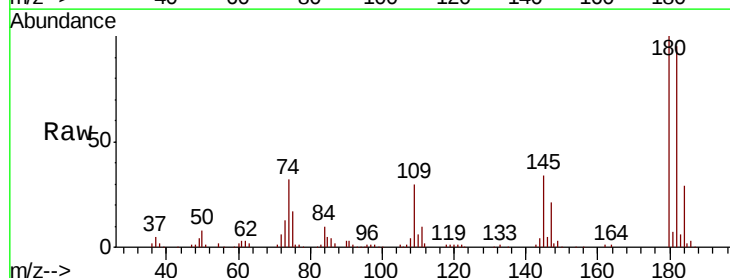
Instrument :
 BNA_F
 ClientSampleId :

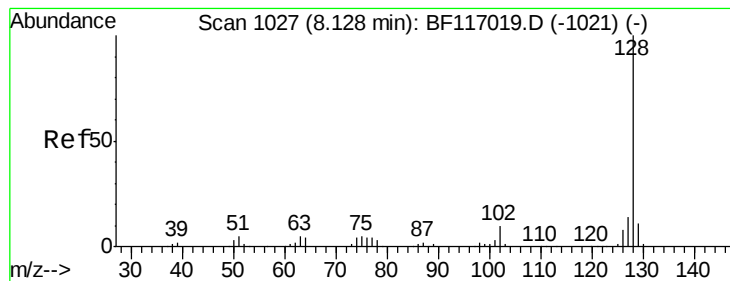
Tot Ion:162 Resp: 171674
 Ion Ratio Lower Upper
 162 100
 164 63.9 43.8 83.8
 98 38.6 22.1 62.1



#30
 1,2,4-Trichlorobenzene
 Concen: 46.962 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion:180 Resp: 163655
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.4 113.0
 145 33.6 26.7 40.1





#31

Naphthalene

Concen: 49.955 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA_F

ClientSampleId :

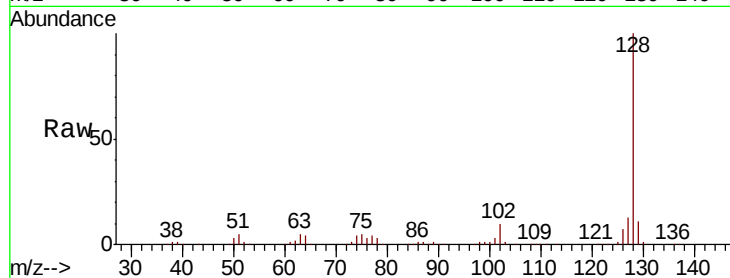
Tot Ion:128 Resp: 577692

Ion Ratio Lower Upper

128 100

129 10.5 9.0 13.4

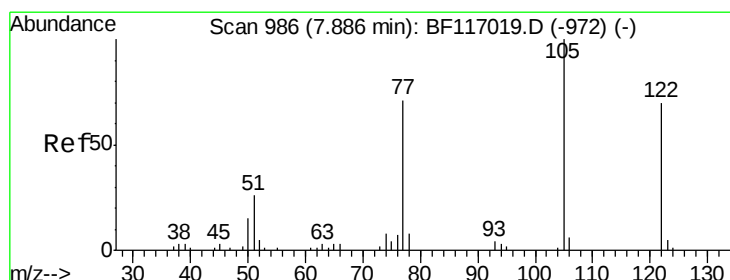
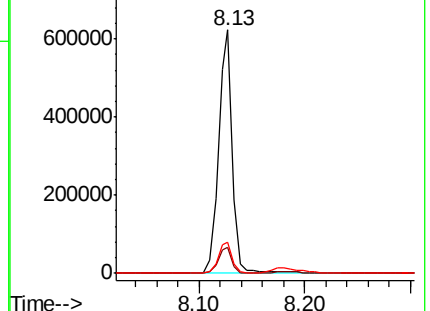
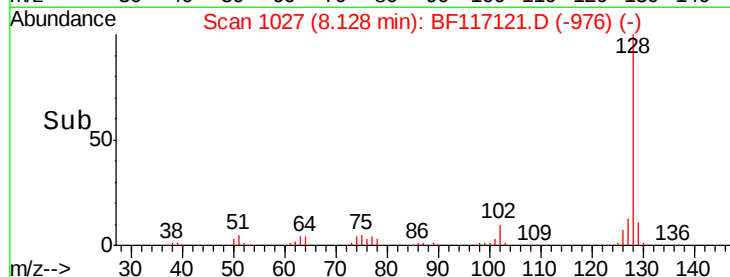
127 12.9 10.8 16.2



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: 31.658 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

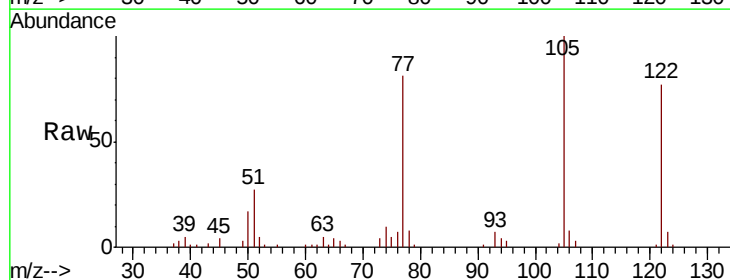
Tgt Ion:122 Resp: 67538

Ion Ratio Lower Upper

122 100

105 129.9 114.8 154.8

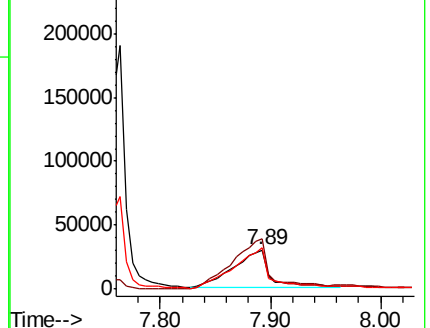
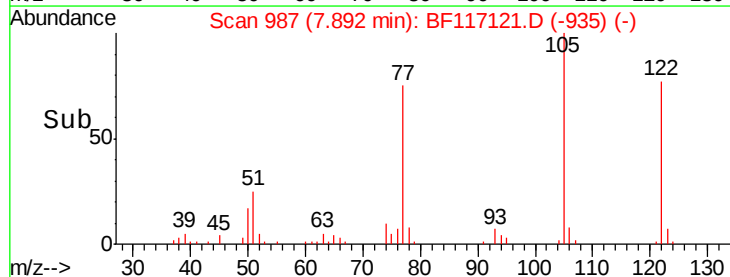
77 104.6 78.7 118.7

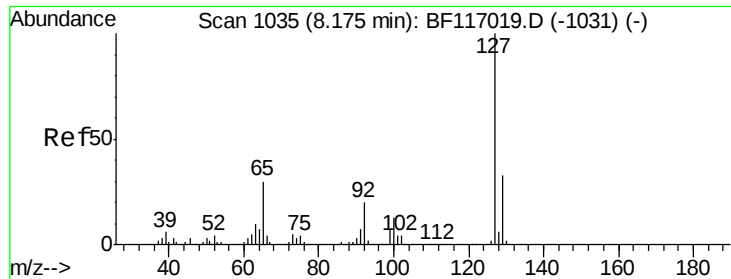


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

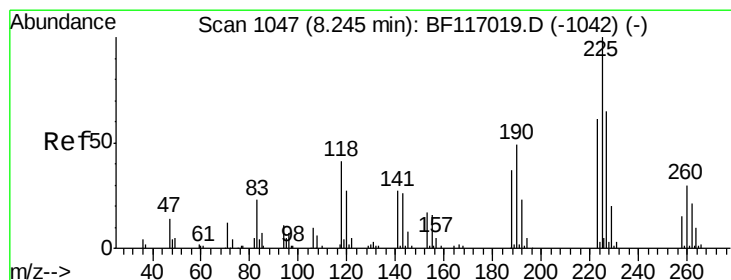
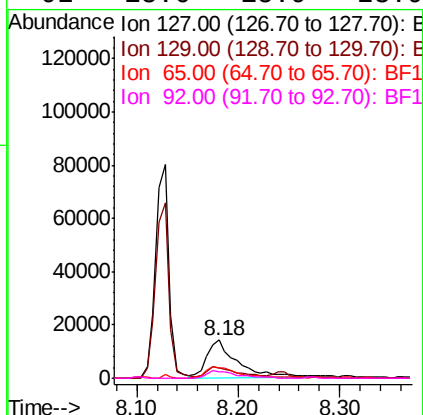
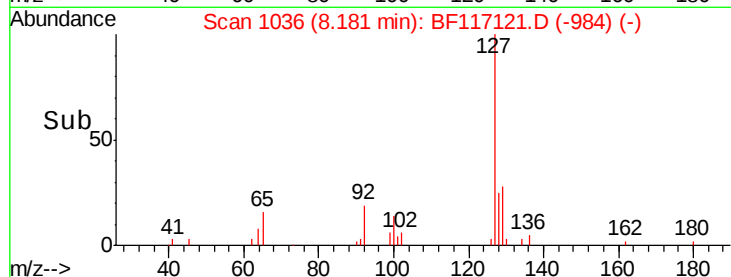
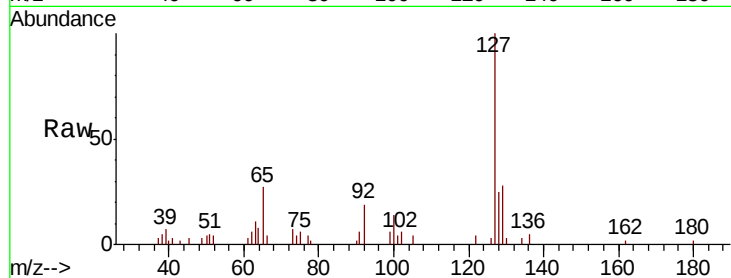




#33
4-Chloroaniline
Concen: 5.684 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

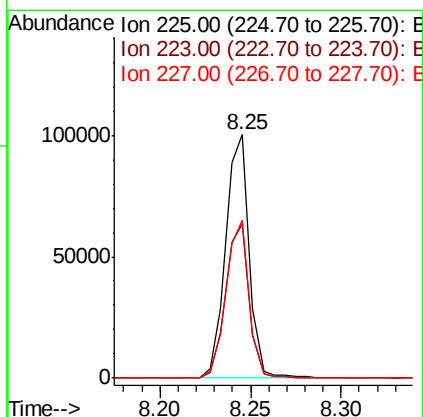
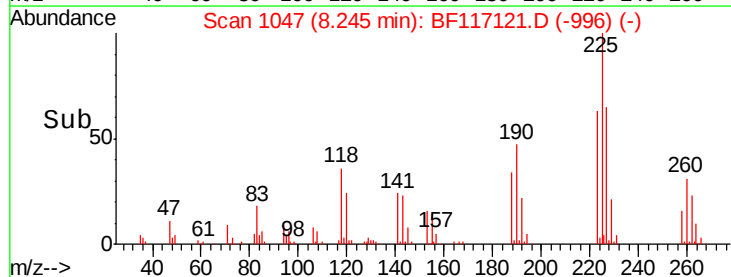
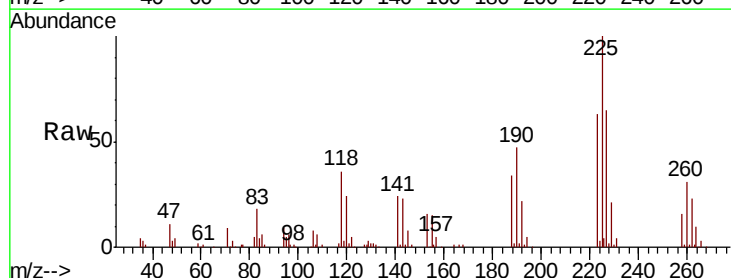
Instrument :
BNA_F
ClientSampleId :

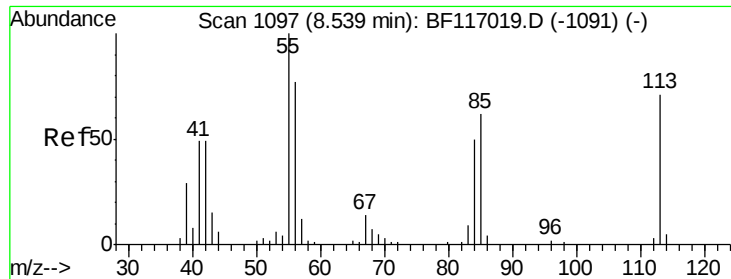
Tot Ion:127	Resp:	29152
Ion Ratio	Lower	Upper
127	100	
129	28.5	26.2 39.2
65	27.4	23.5 35.3
92	18.6	15.9 23.9



#34
Hexachlorobutadiene
Concen: 45.678 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion:225	Resp:	90311
Ion Ratio	Lower	Upper
225	100	
223	63.4	49.1 73.7
227	64.9	52.2 78.2

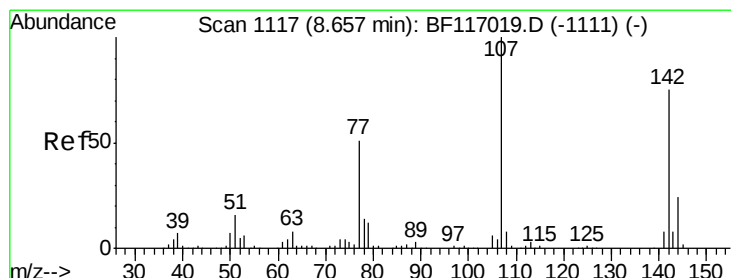
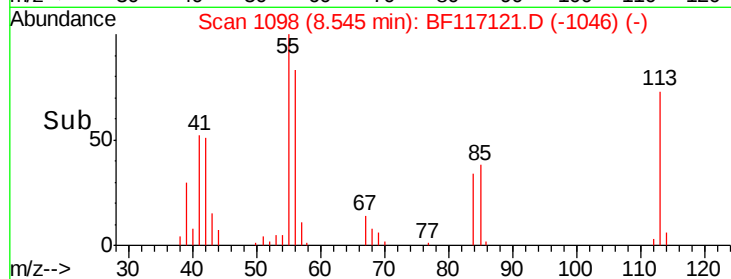
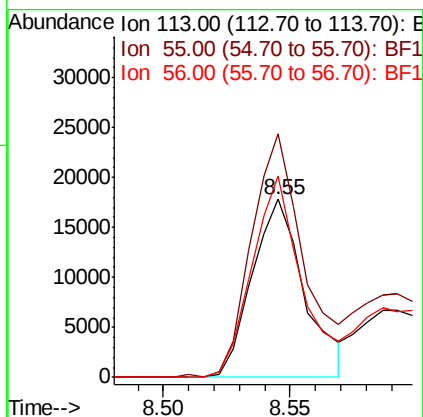
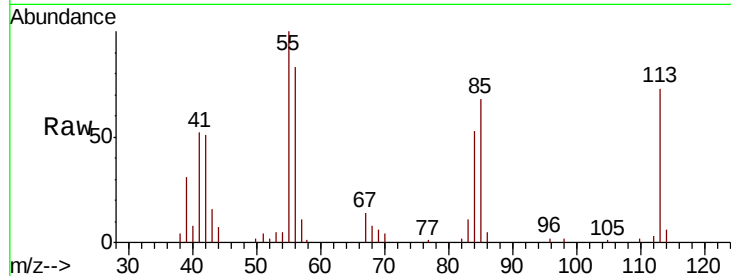




#35
Caprolactam
Concen: 23.463 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

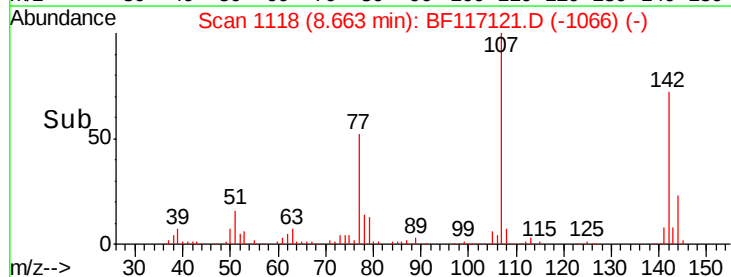
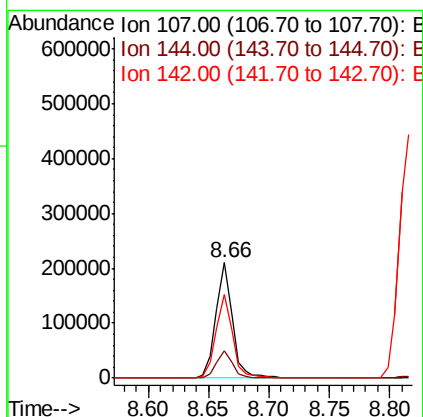
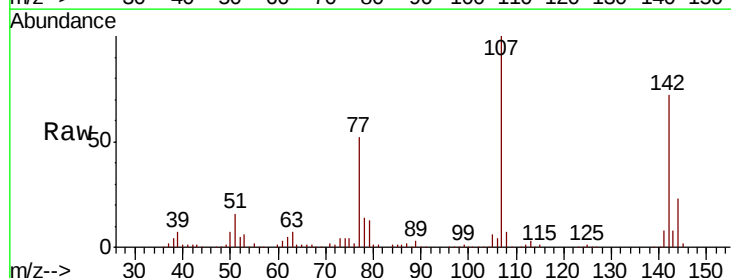
Instrument :
BNA_F
ClientSampleId :

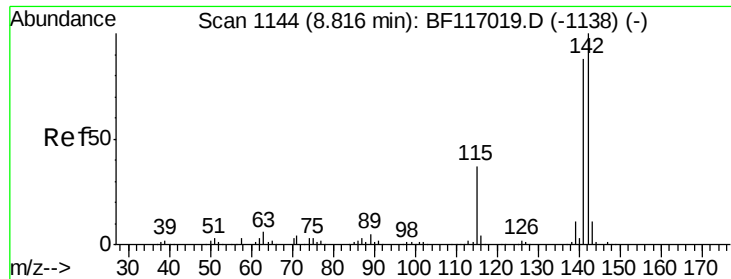
Tot Ion:113 Resp: 25617
Ion Ratio Lower Upper
113 100
55 136.6 120.6 160.6
56 112.9 88.8 128.8



#36
4-Chloro-3-methylphenol
Concen: 52.873 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion:107 Resp: 198860
Ion Ratio Lower Upper
107 100
144 23.4 19.2 28.8
142 72.4 59.6 89.4

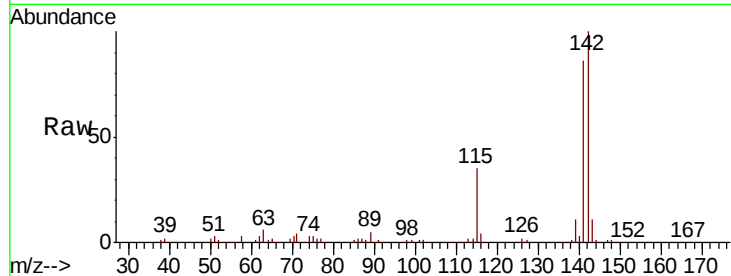




#37
2-Methylnaphthalene
Concen: 51.931 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.1	70.7	106.1
115	35.2	29.4	44.0

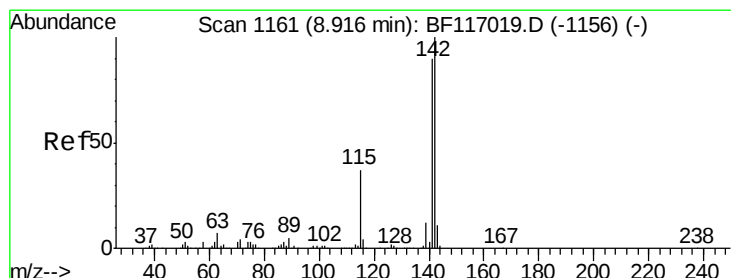
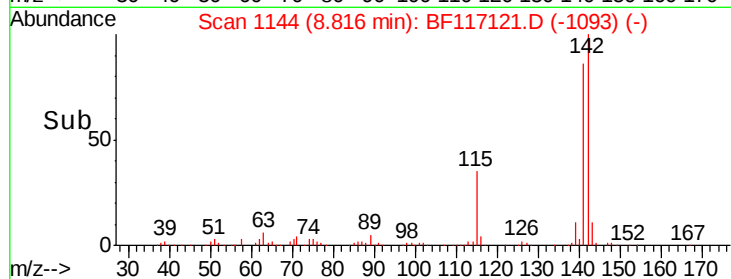
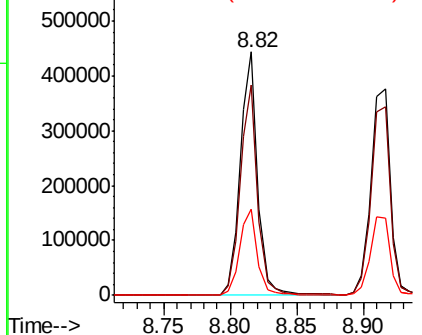


Abundance

Ion 142.00 (141.70 to 142.70): E

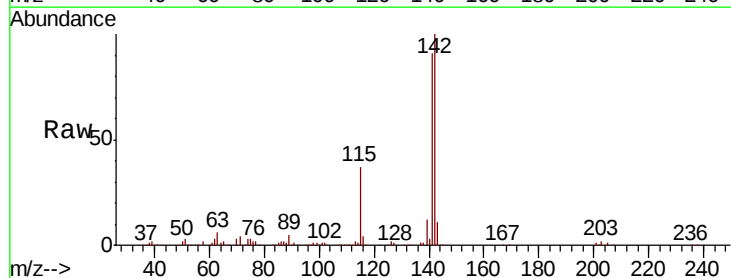
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 51.090 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.9	107.9
116	3.7	3.2	4.8

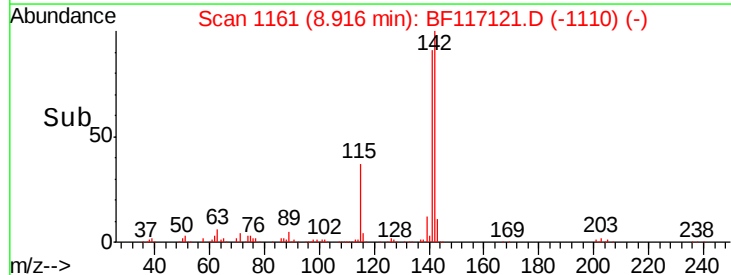
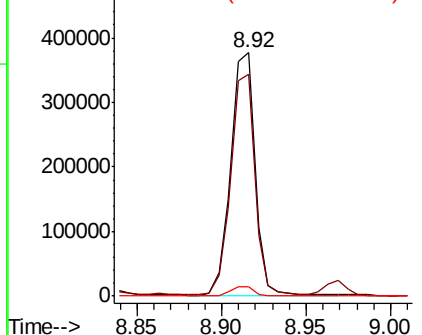


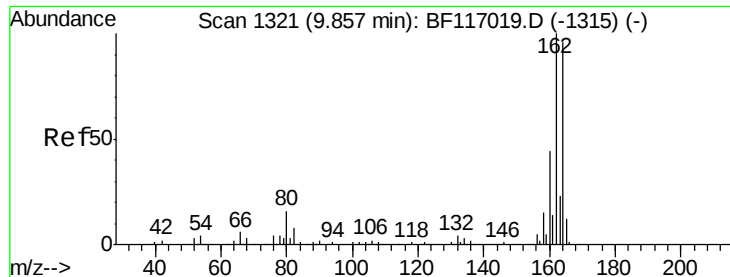
Abundance

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

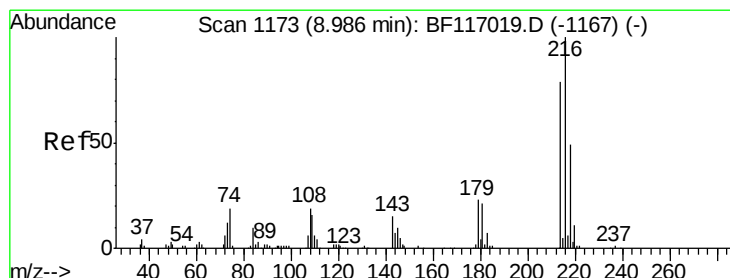
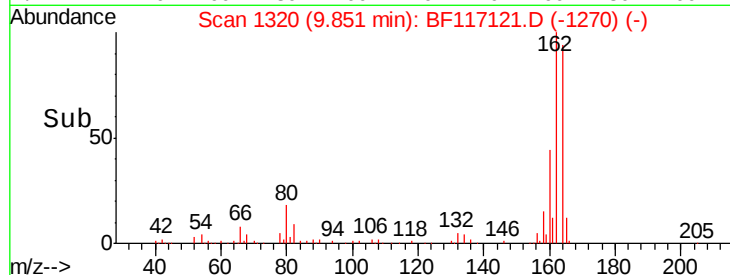
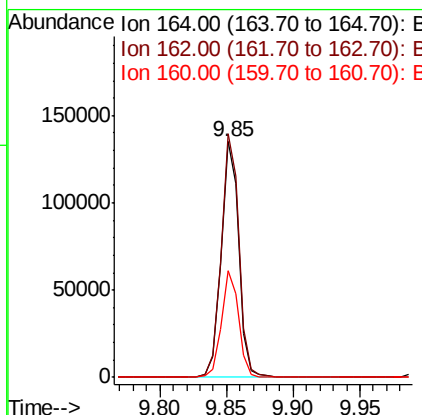
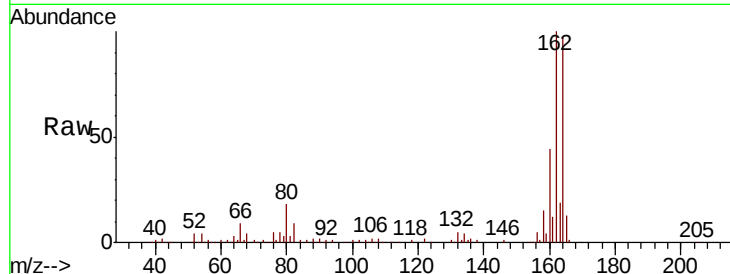




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

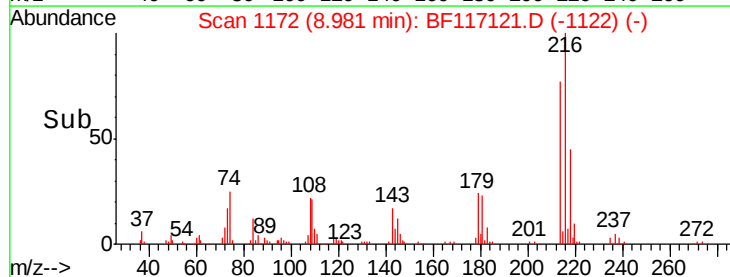
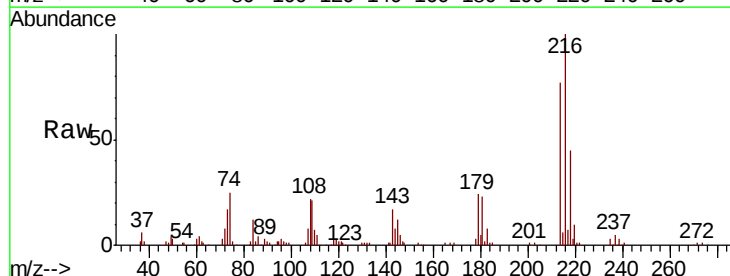
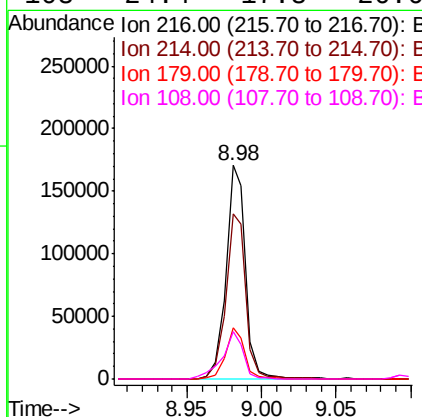
Instrument :
 BNA_F
 ClientSampleId :

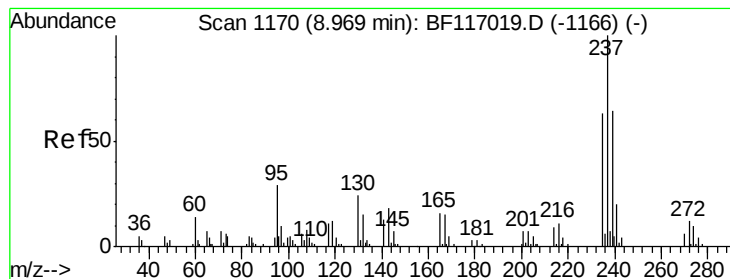
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.4	125.2
160	45.1	36.4	54.6



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.636 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.6	95.4
179	23.2	18.3	27.5
108	24.4	17.8	26.6





#41

Hexachlorocyclopentadiene

Concen: 89.353 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA_F

ClientSampleId :

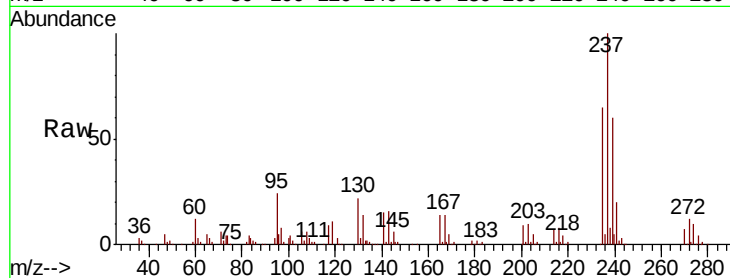
Tot Ion:237 Resp: 130183

Ion Ratio Lower Upper

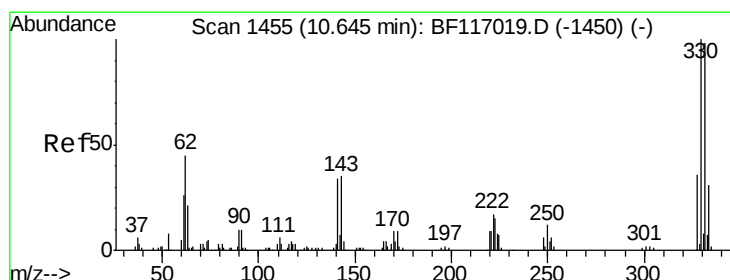
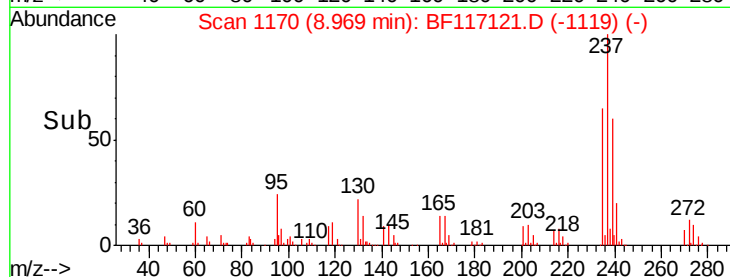
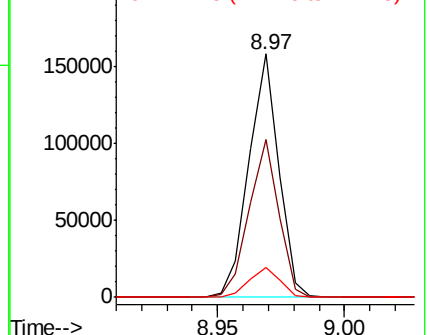
237 100

235 64.6 43.2 83.2

272 12.3 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: 155.752 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

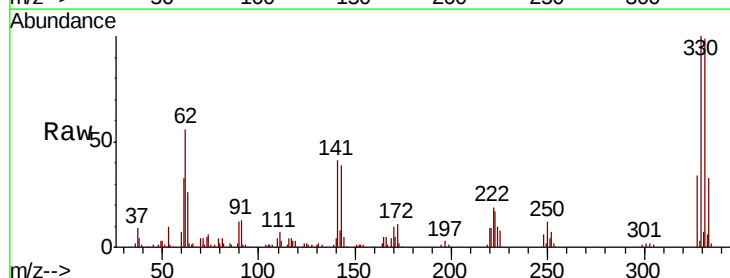
Tgt Ion:330 Resp: 164286

Ion Ratio Lower Upper

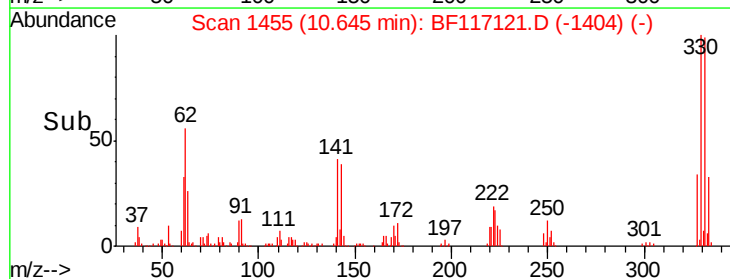
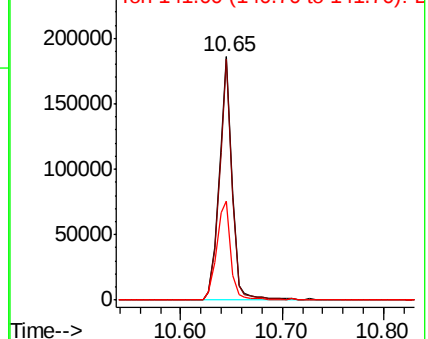
330 100

332 97.5 78.0 117.0

141 44.7 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

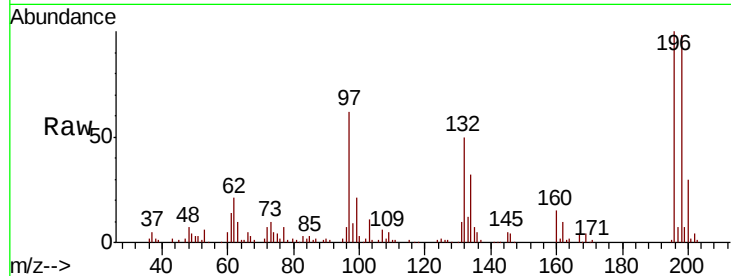




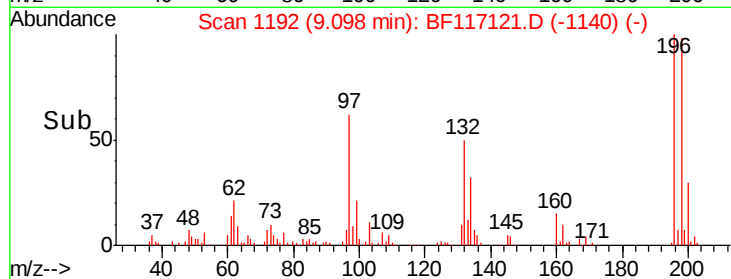
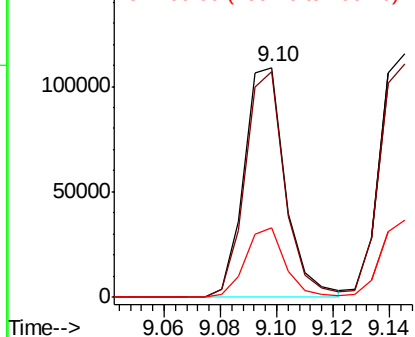
#43
 2,4,6-Trichlorophenol
 Concen: 50.221 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 111071
 Ion Ratio Lower Upper
 196 100
 198 97.8 75.7 113.5
 200 30.5 23.3 34.9



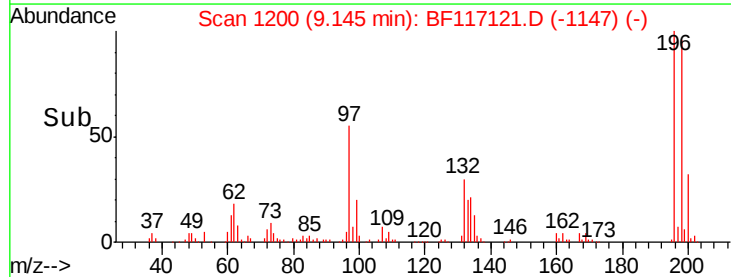
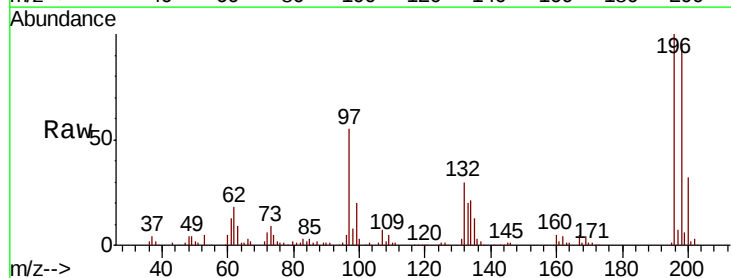
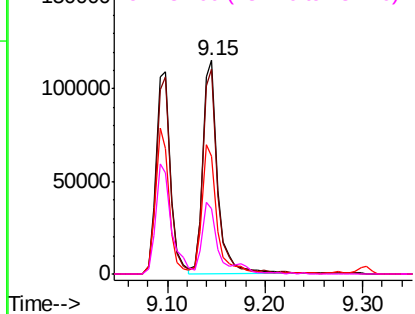
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

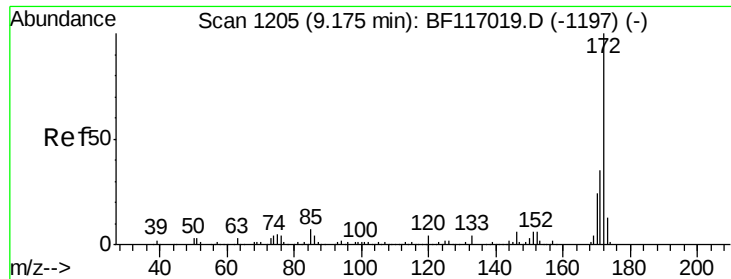


#44
 2,4,5-Trichlorophenol
 Concen: 51.743 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion:196 Resp: 122265
 Ion Ratio Lower Upper
 196 100
 198 96.1 74.6 112.0
 97 55.0 49.5 74.3
 132 30.5 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

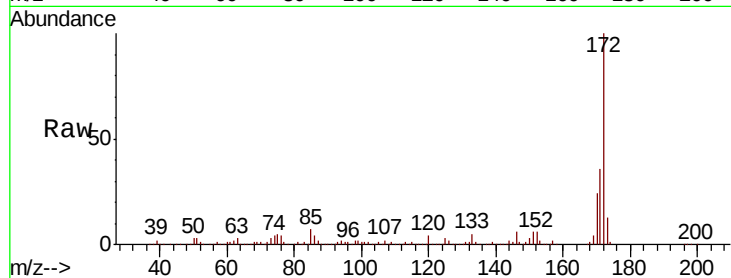




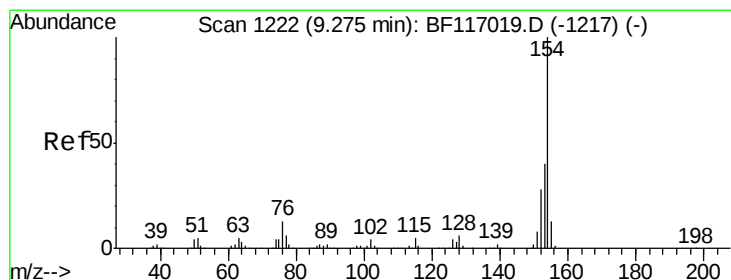
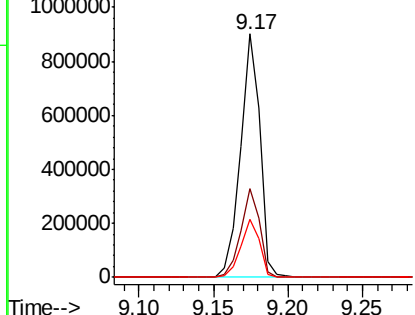
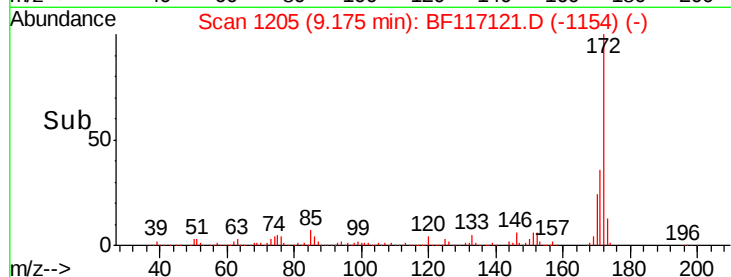
#45
2-Fluorobiphenyl
Concen: 101.593 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 820021
Ion Ratio Lower Upper
172 100
171 36.4 28.2 42.2
170 23.9 18.9 28.3

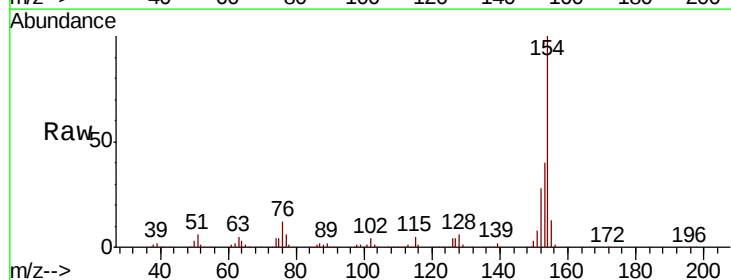


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

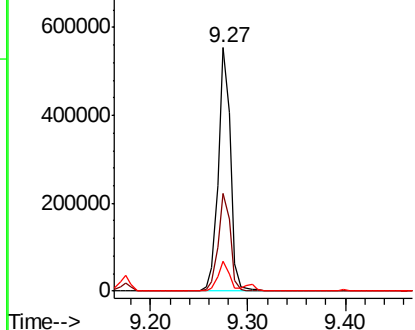
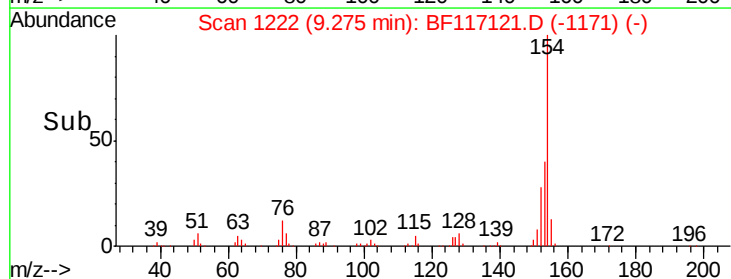


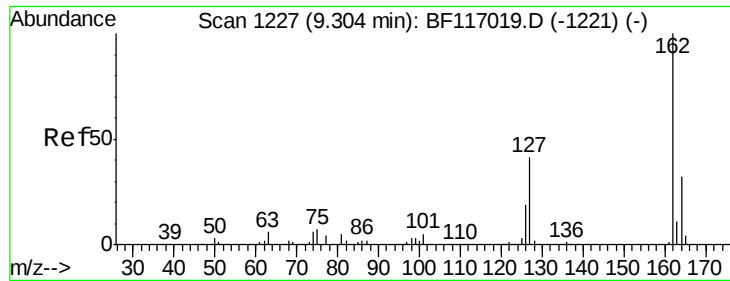
#46
1,1'-Biphenyl
Concen: 48.532 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion:154 Resp: 480446
Ion Ratio Lower Upper
154 100
153 40.0 20.0 60.0
76 12.3 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

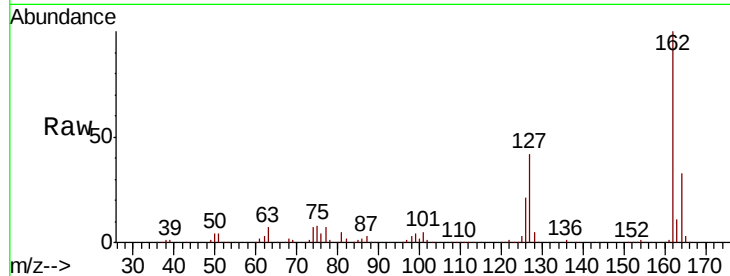




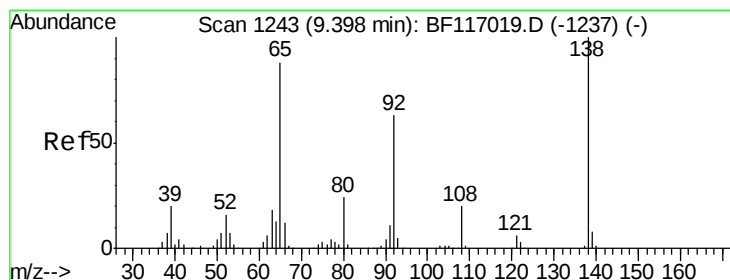
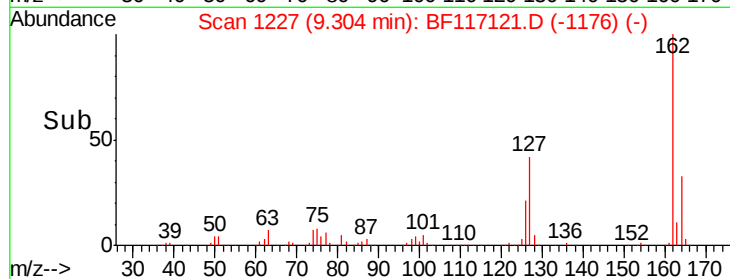
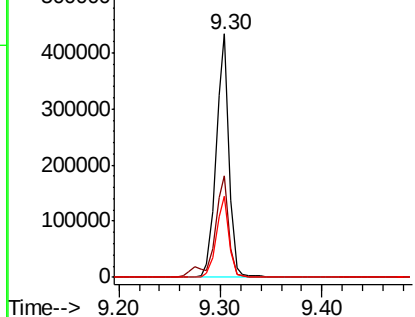
#47
 2-Chloronaphthalene
 Concen: 48.737 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	34.1	51.1
164	33.1	25.9	38.9

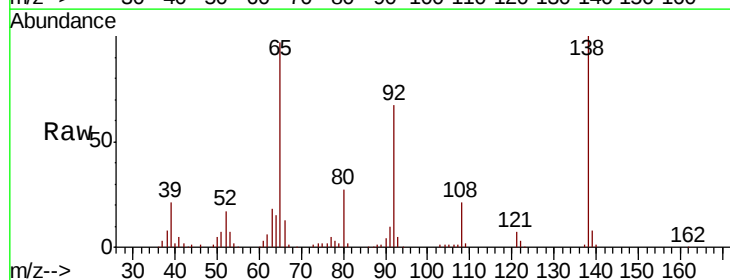


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

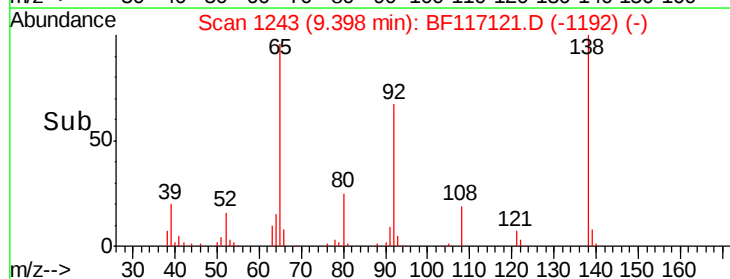
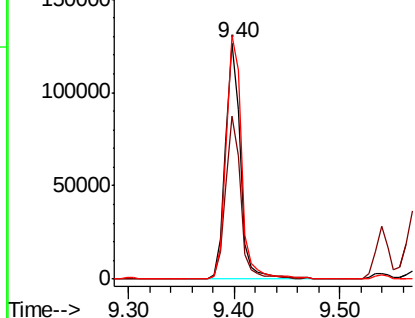


#48
 2-Nitroaniline
 Concen: 50.212 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.8	57.5	86.3
138	102.9	90.6	136.0



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





#49

Acenaphthylene

Concen: 51.523 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA_F

ClientSampled :

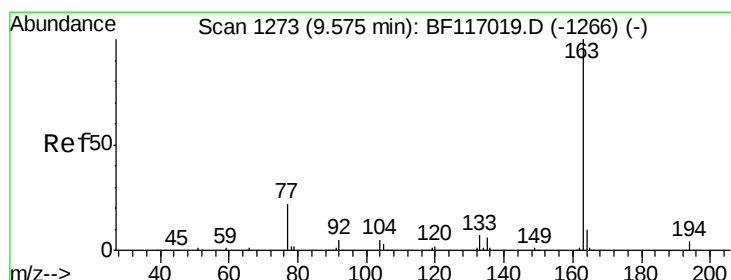
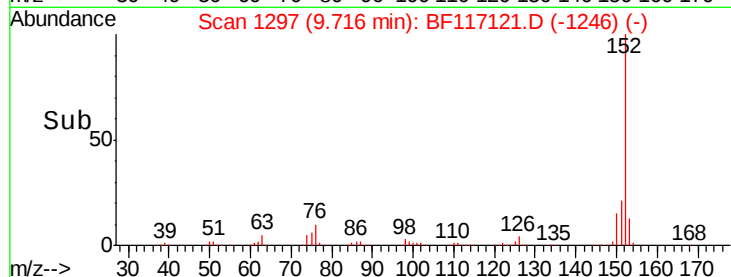
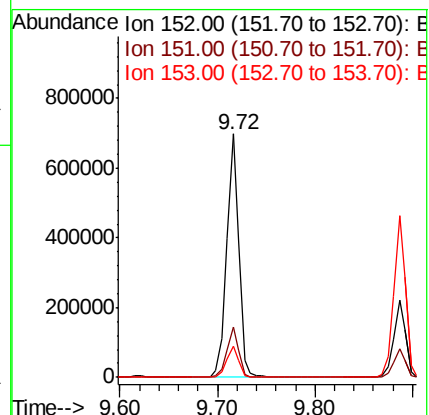
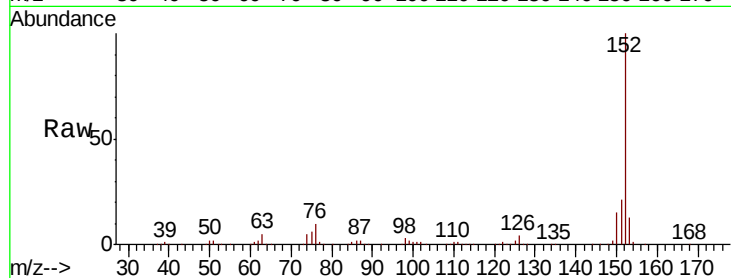
Tot Ion:152 Resp: 603037

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.2

153 12.8 10.2 15.4



#50

Dimethylphthalate

Concen: 52.464 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

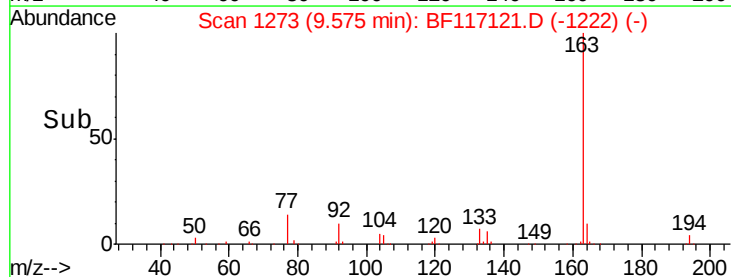
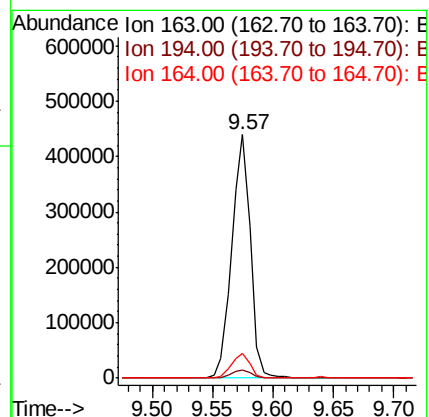
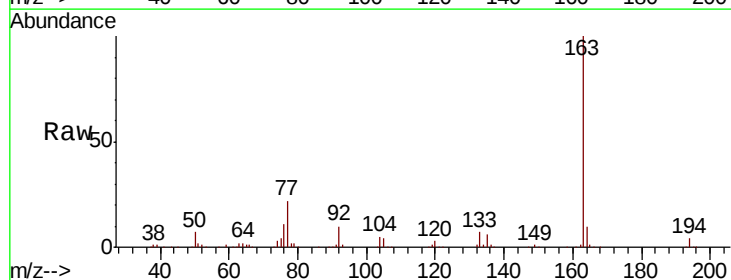
Tgt Ion:163 Resp: 468820

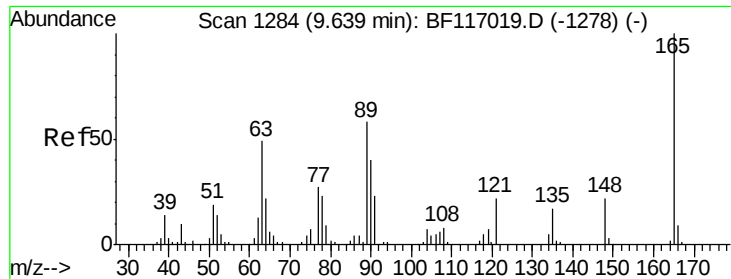
Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

164 10.1 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 55.261 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :
BNA_F
ClientSampleId :

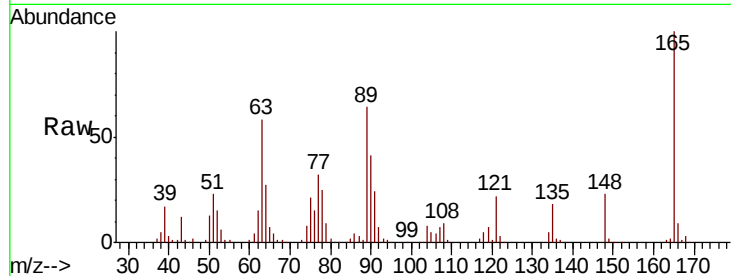
Tot Ion:165 Resp: 100574

Ion Ratio Lower Upper

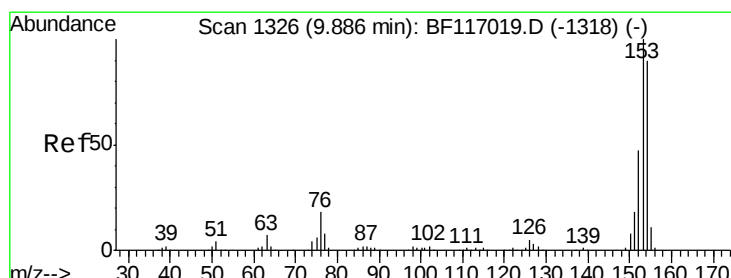
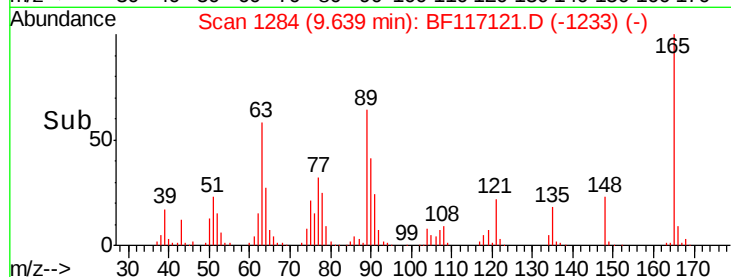
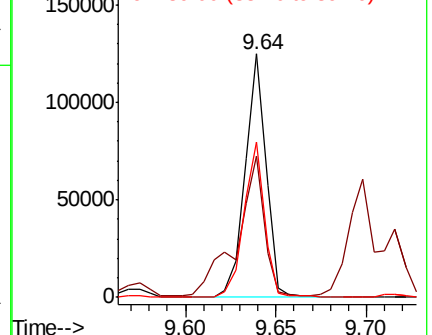
165 100

63 58.0 41.8 62.8

89 63.6 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: 49.696 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

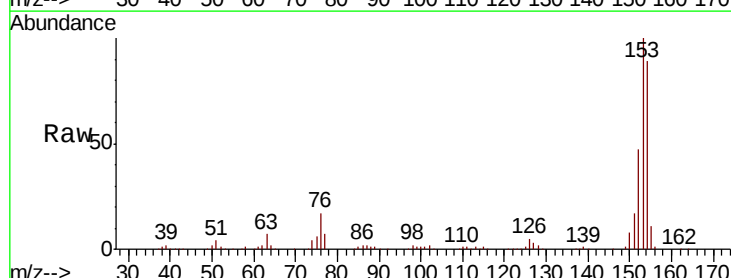
Tgt Ion:154 Resp: 344796

Ion Ratio Lower Upper

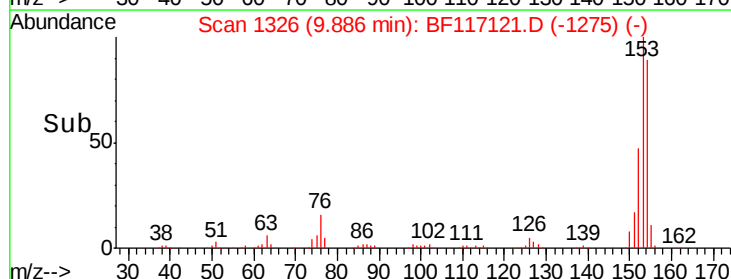
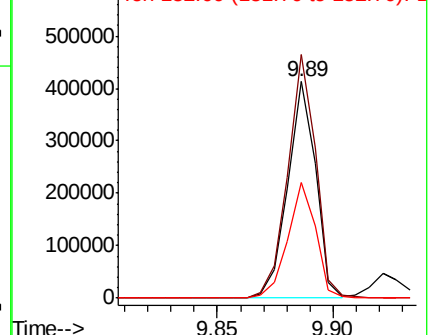
154 100

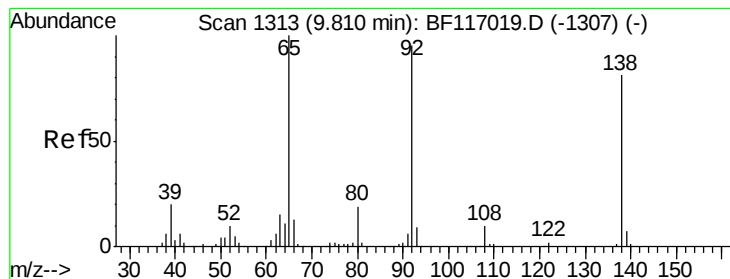
153 112.5 89.0 133.6

152 53.4 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: 18.358 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA_F

ClientSampleId :

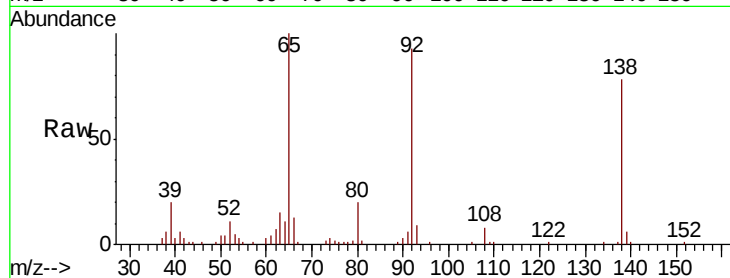
Tot Ion:138 Resp: 42155

Ion Ratio Lower Upper

138 100

108 10.9 9.5 14.3

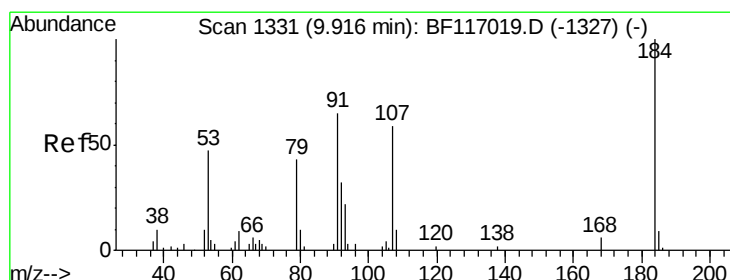
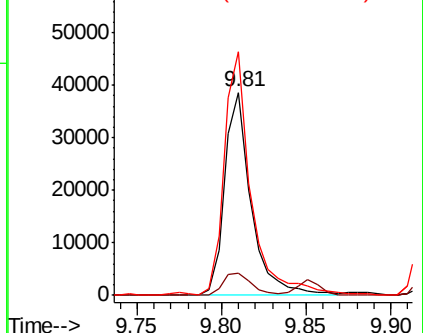
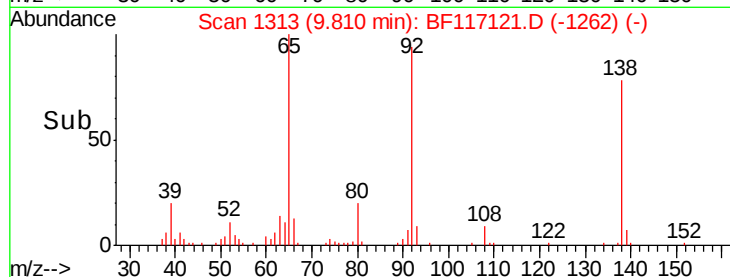
92 119.9 94.1 141.1



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: 88.169 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

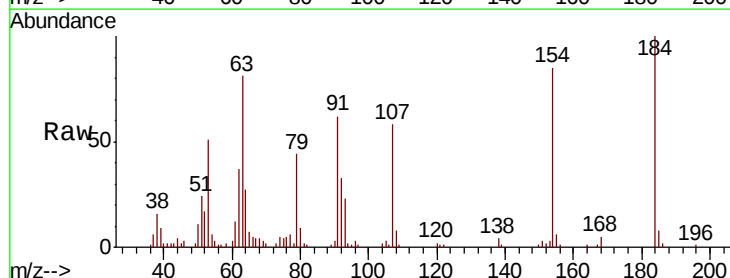
Tgt Ion:184 Resp: 70119

Ion Ratio Lower Upper

184 100

63 81.3 63.8 95.6

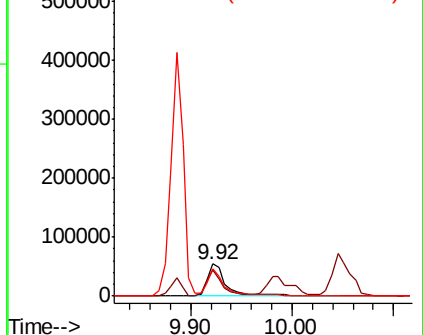
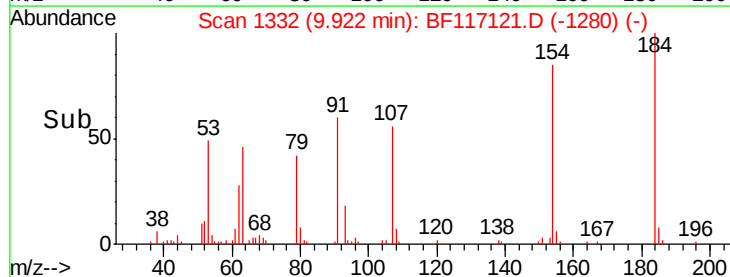
154 84.9 60.4 90.6

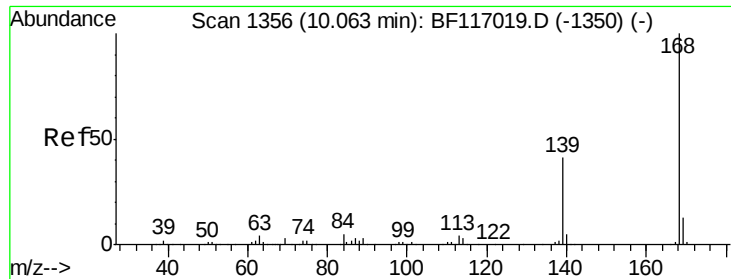


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

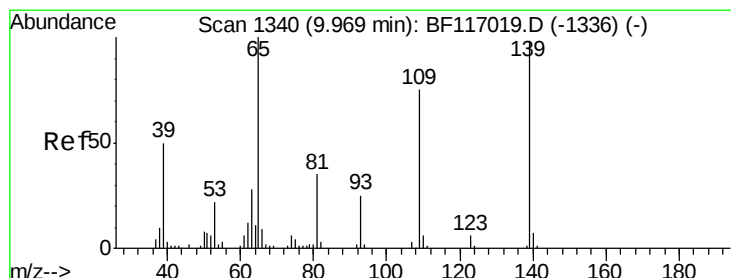
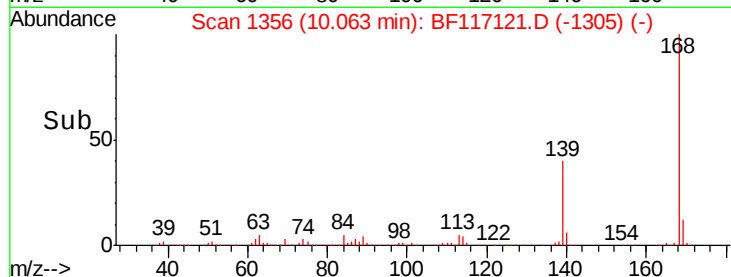
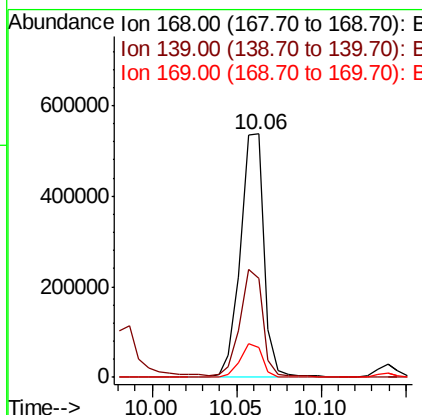
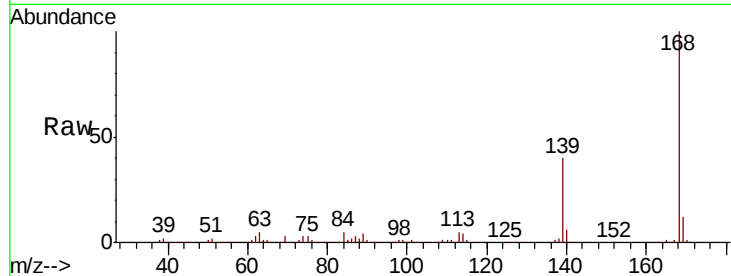




#55
Dibenzenofuran
Concen: 51.407 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

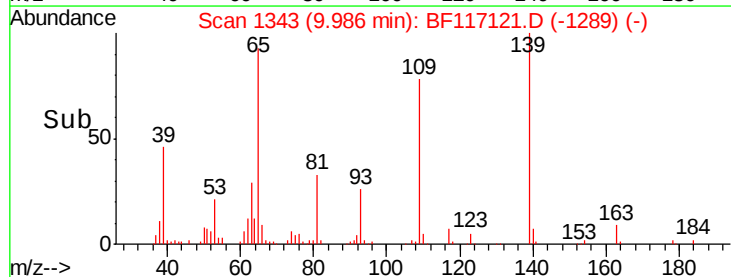
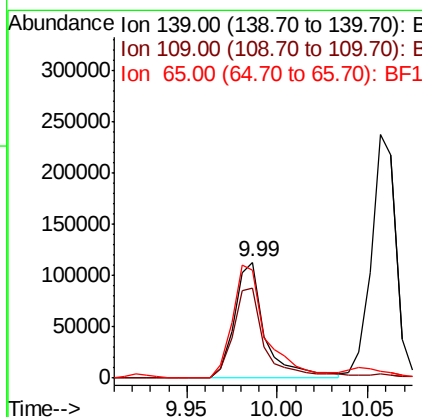
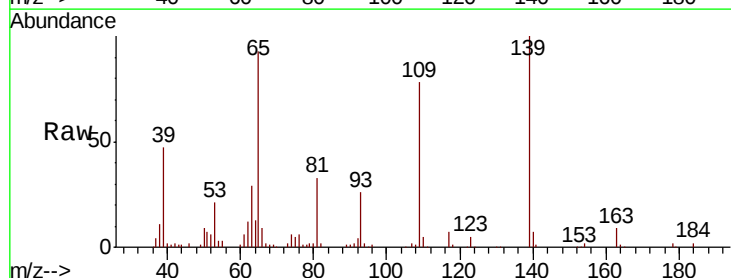
Instrument :
BNA_F
ClientSampleId :

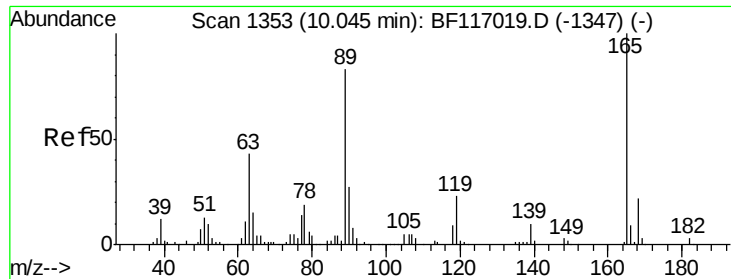
Tot Ion:168 Resp: 526236
Ion Ratio Lower Upper
168 100
139 40.4 32.8 49.2
169 12.3 10.5 15.7



#56
4-Nitrophenol
Concen: 89.507 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion:139 Resp: 133208
Ion Ratio Lower Upper
139 100
109 77.6 56.4 96.4
65 93.3 82.5 122.5

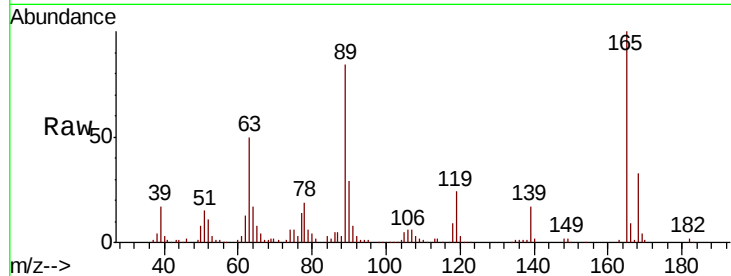




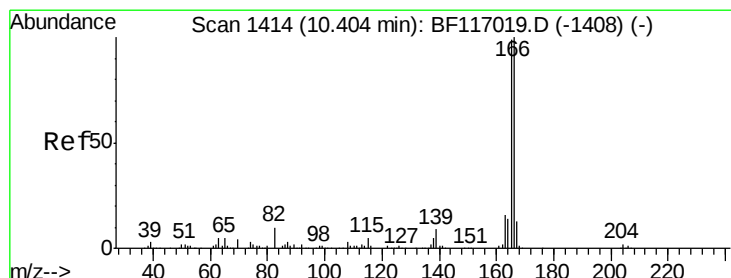
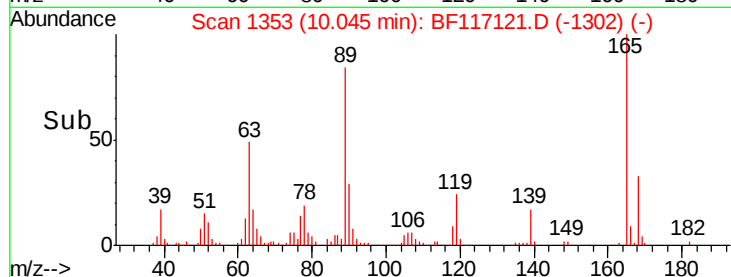
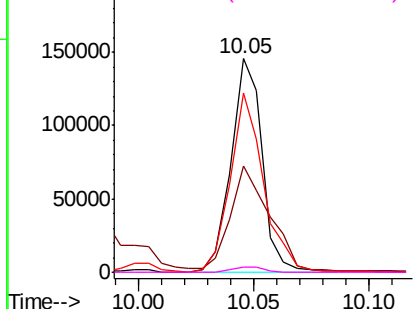
#57
2,4-Dinitrotoluene
Concen: 57.924 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.9	35.0	52.4
89	83.8	66.1	99.1
182	2.4	2.0	3.0

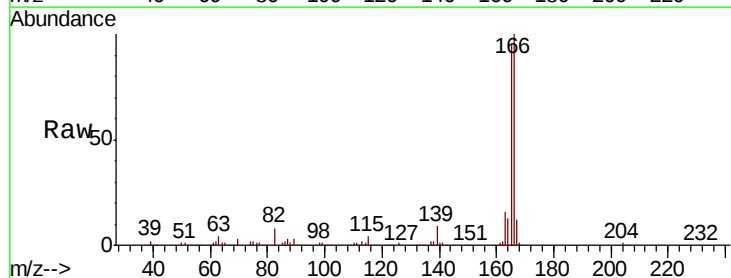


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

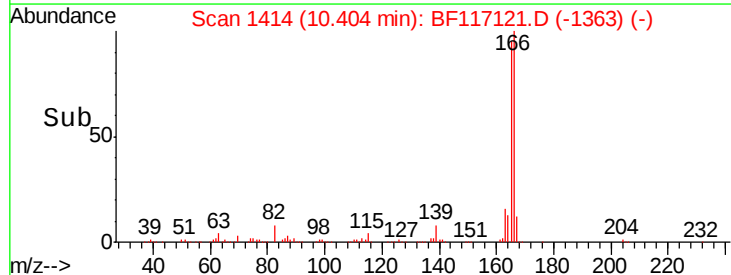
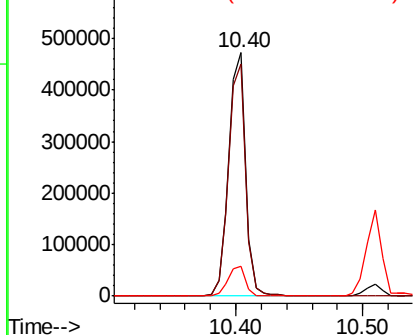


#58
Fluorene
Concen: 52.901 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.2	78.9	118.3
167	12.5	10.6	15.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

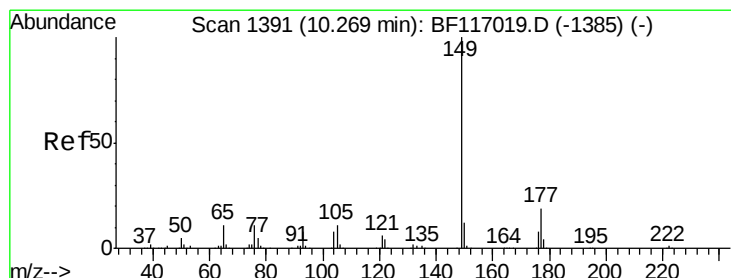
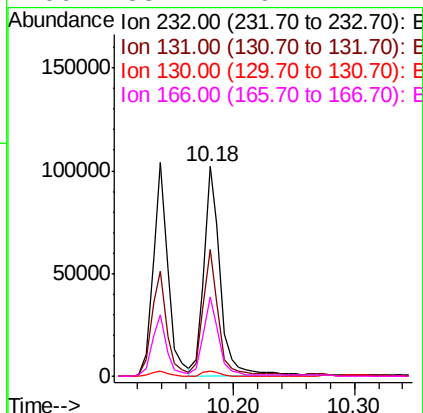
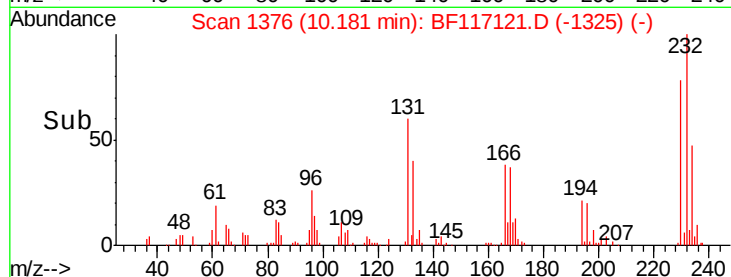
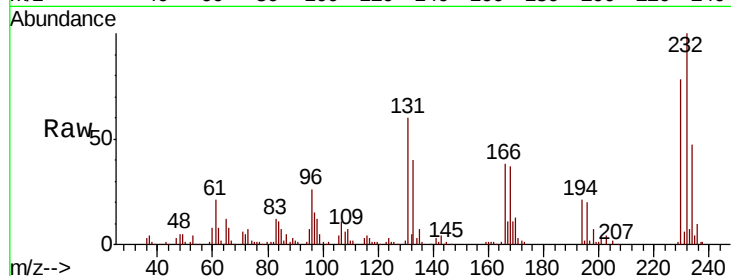




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.938 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

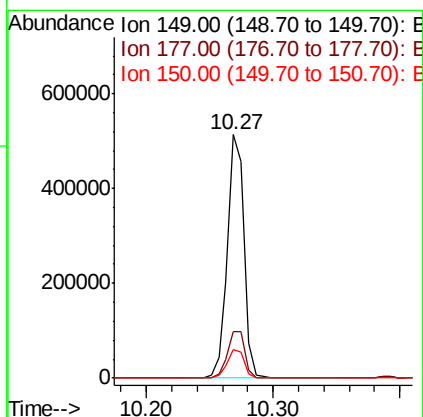
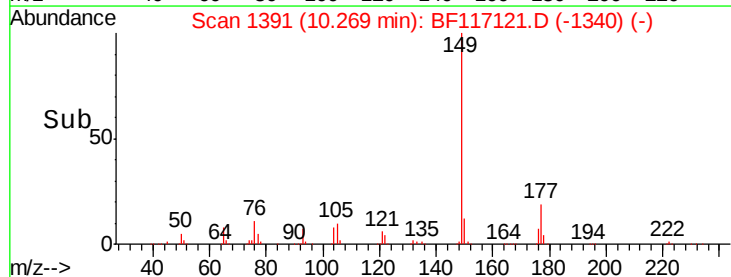
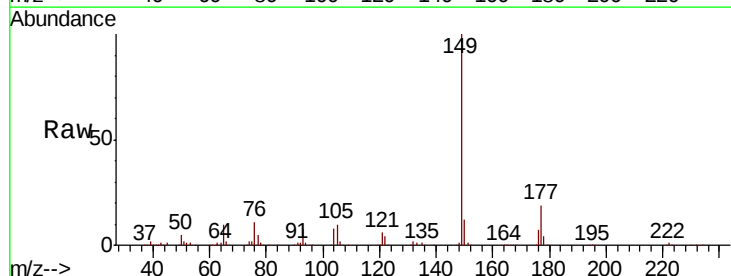
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	56.7	45.3	67.9
130	2.4	1.8	2.8
166	35.7	29.4	44.2



#60
 Diethylphthalate
 Concen: 52.734 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.3	15.2	22.8
150	11.7	9.9	14.9

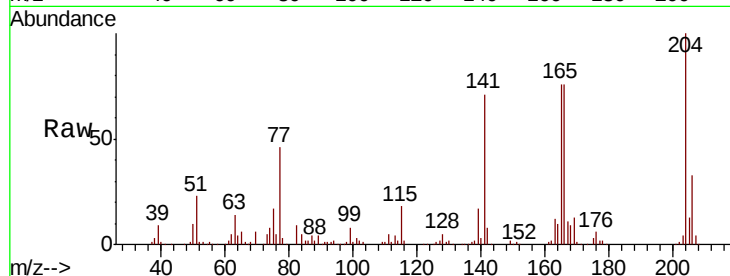




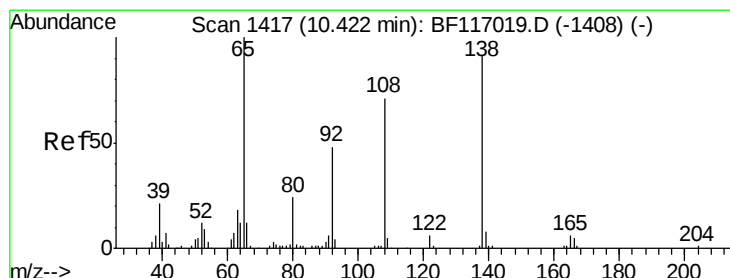
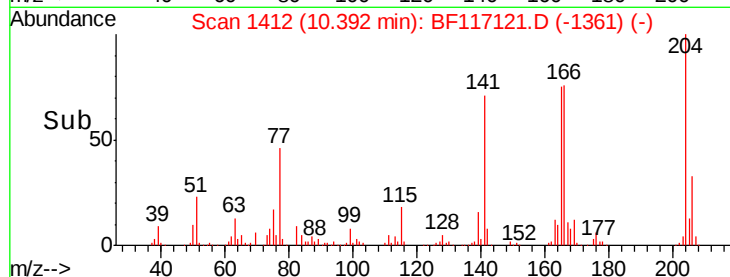
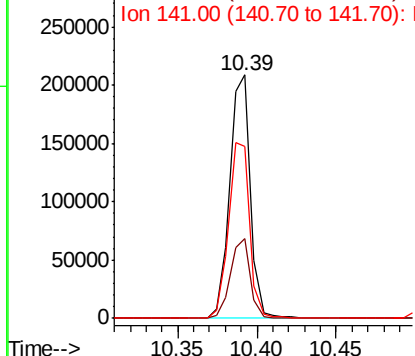
#61
 4-Chlorophenyl-phenylether
 Concen: 52.727 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 188115
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.0 39.0
 141 70.7 58.2 87.2

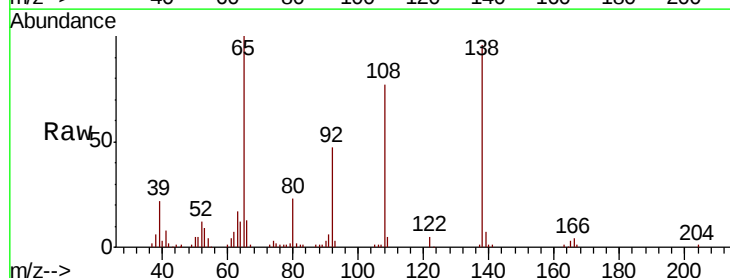


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

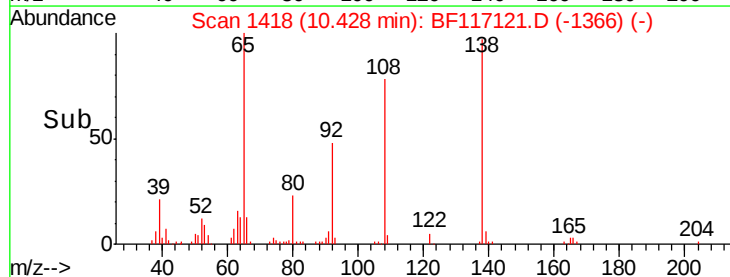
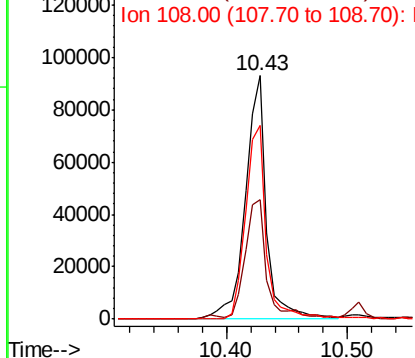


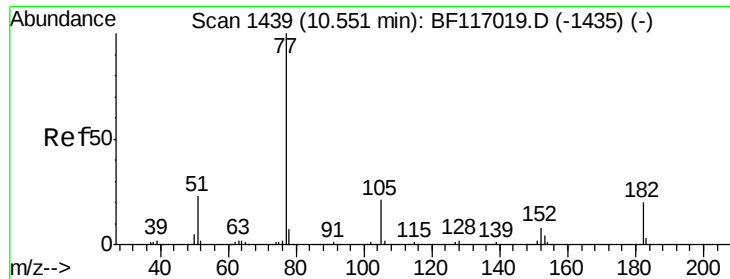
#62
 4-Nitroaniline
 Concen: 47.549 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion:138 Resp: 113548
 Ion Ratio Lower Upper
 138 100
 92 49.3 32.9 72.9
 108 79.8 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

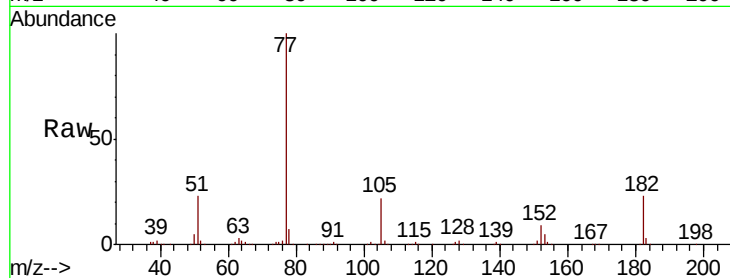




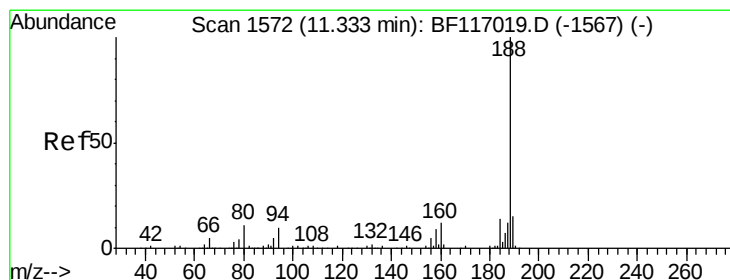
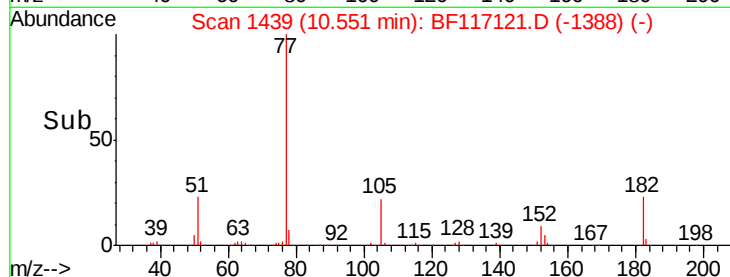
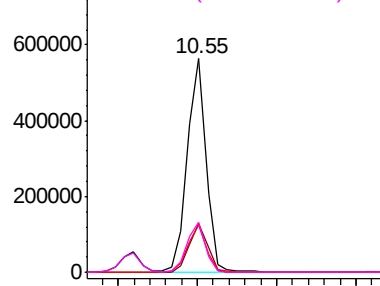
#63
Azobenzene
Concen: 51.868 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	465722
Ion	Ratio	Lower	Upper
77	100		
182	22.8	0.4	40.4
105	22.2	0.9	40.9
51	23.2	2.8	42.8

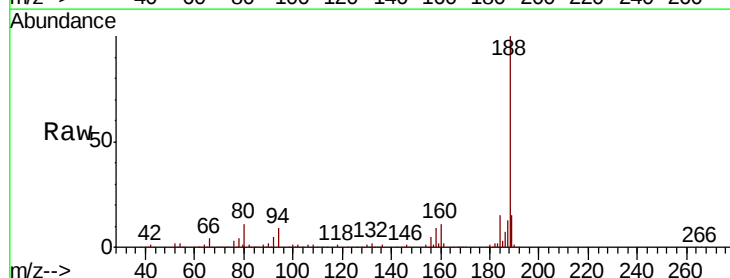


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

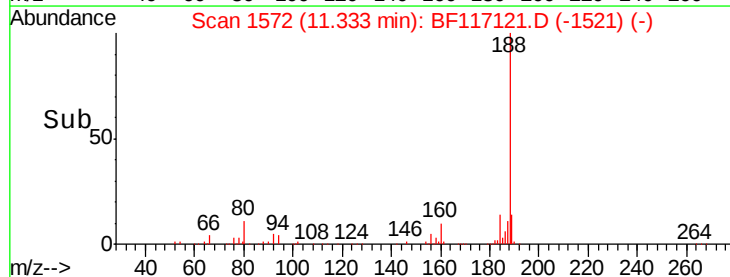
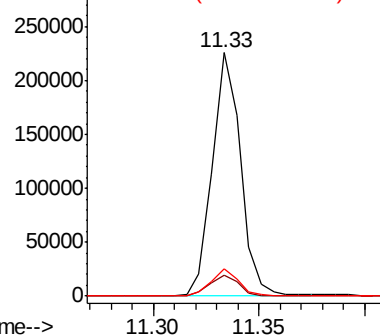


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion:	188	Resp:	209556
Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	11.2	9.0	13.6



Abundance Ion 188.00 (187.70 to 188.70): E
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: 52.518 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA_F

ClientSampled :

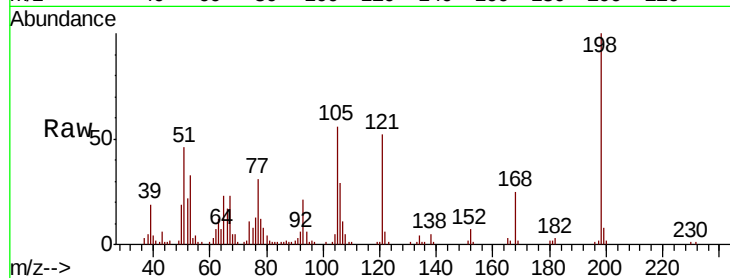
Tot Ion:198 Resp: 50870

Ion Ratio Lower Upper

198 100

51 46.5 18.7 58.7

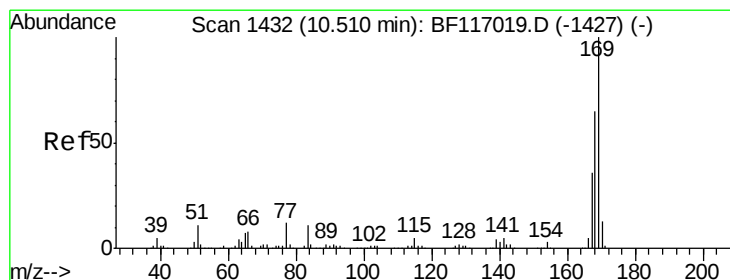
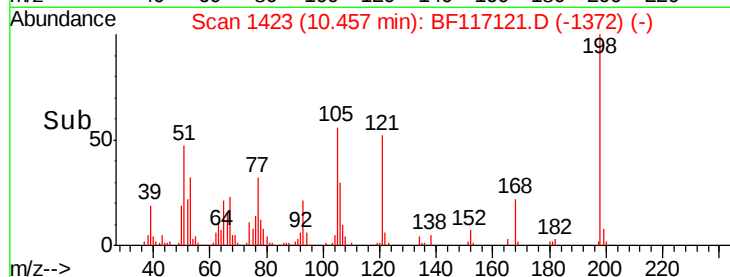
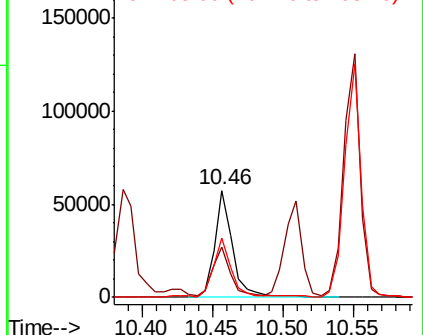
105 55.8 30.2 70.2



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: 52.550 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

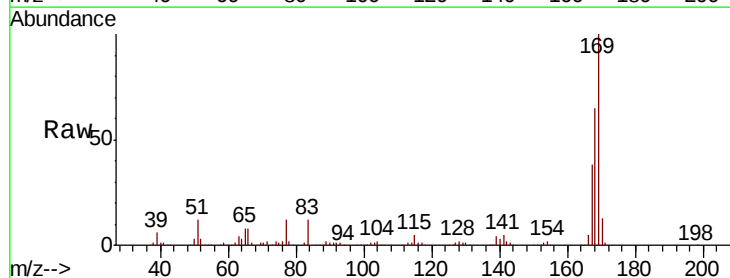
Tgt Ion:169 Resp: 380318

Ion Ratio Lower Upper

169 100

168 64.8 52.2 78.2

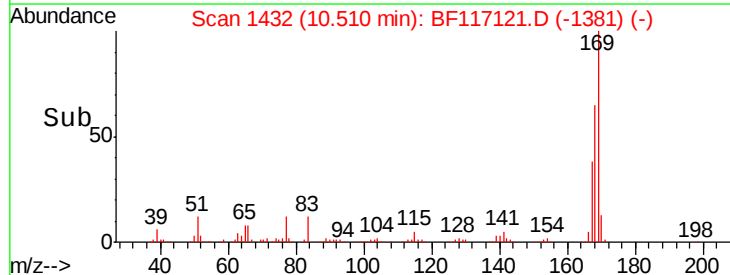
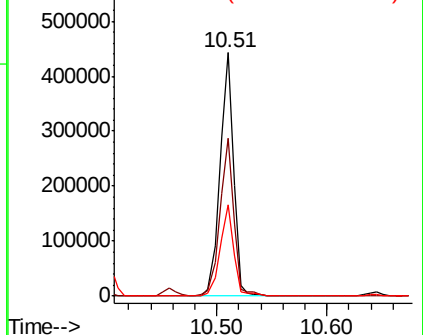
167 37.6 28.8 43.2



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

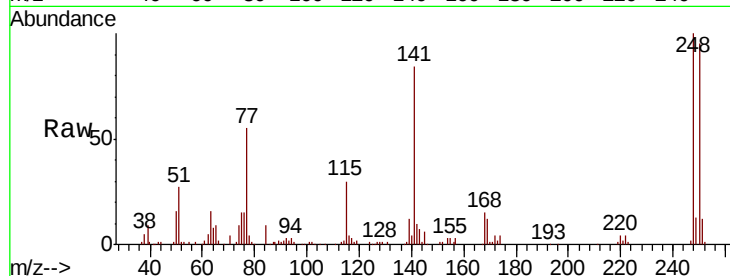




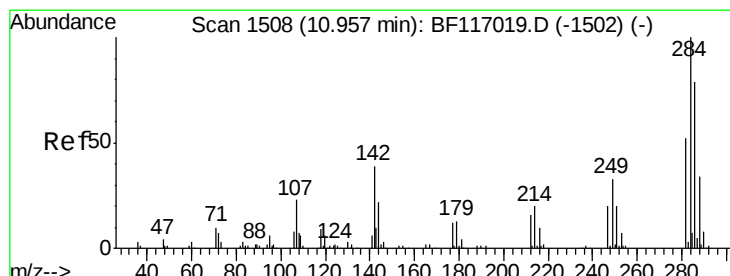
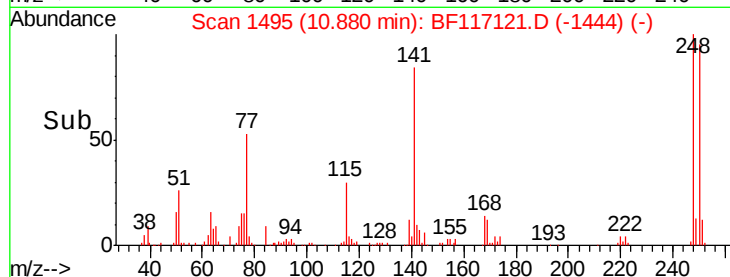
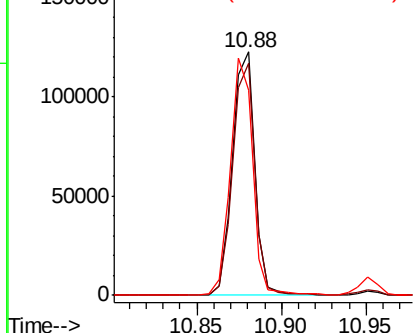
#67
 4-Bromophenyl-phenylether
 Concen: 52.516 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 112388
 Ion Ratio Lower Upper
 248 100
 250 95.4 76.2 114.4
 141 84.2 75.0 112.4

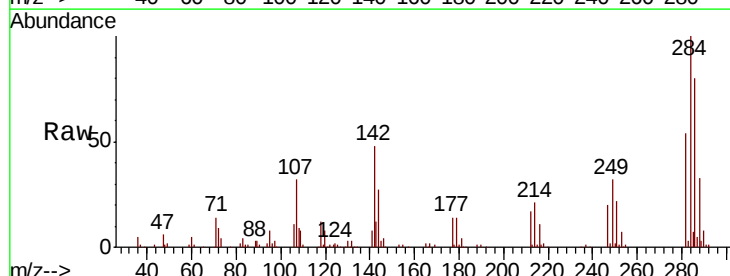


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

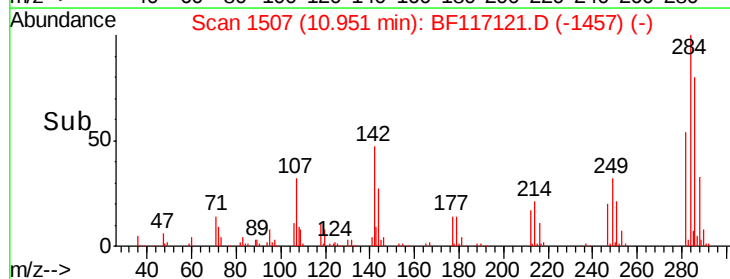
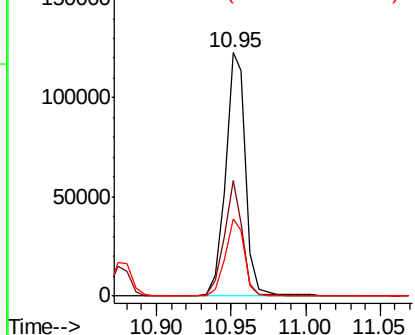


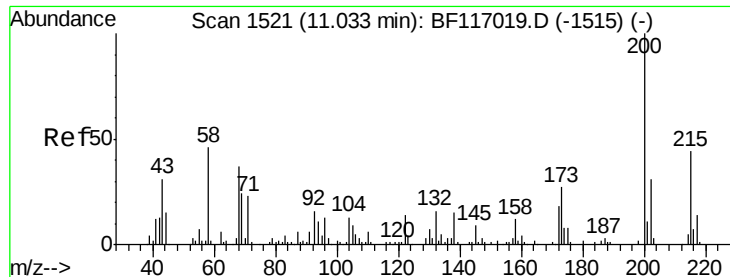
#68
 Hexachlorobenzene
 Concen: 49.872 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion:284 Resp: 116737
 Ion Ratio Lower Upper
 284 100
 142 47.6 31.4 47.2#
 249 31.9 26.5 39.7



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

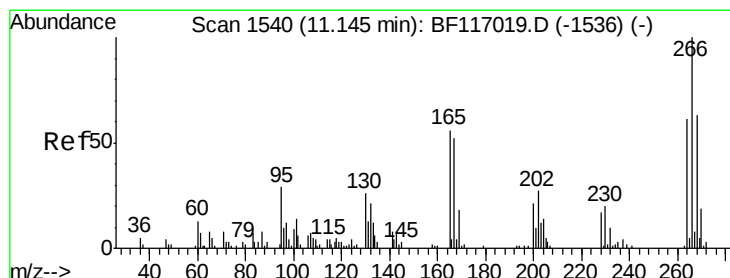
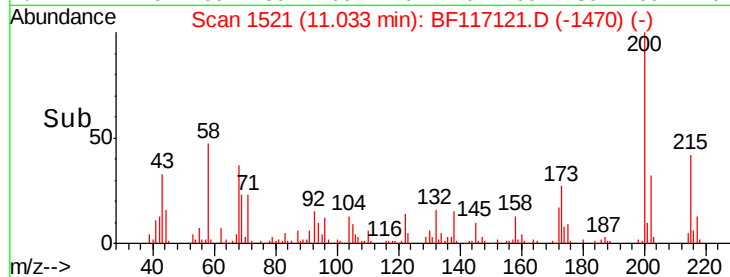
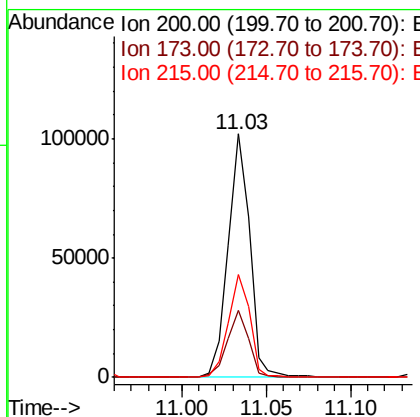
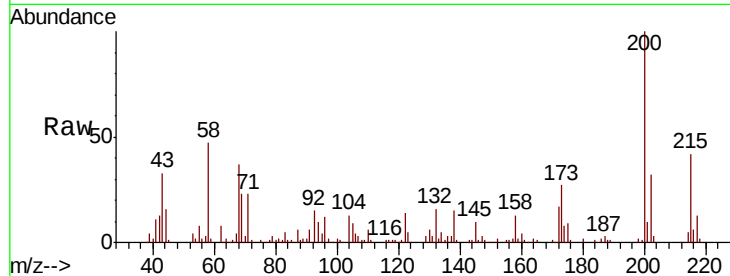




#69
 Atrazine
 Concen: 53.050 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

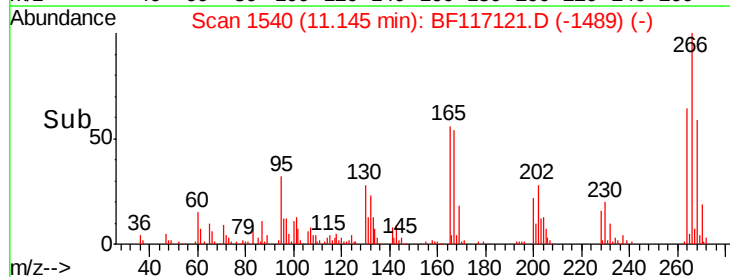
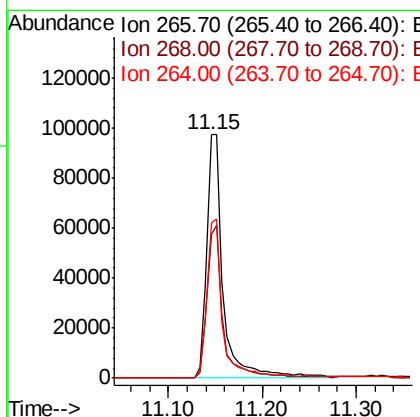
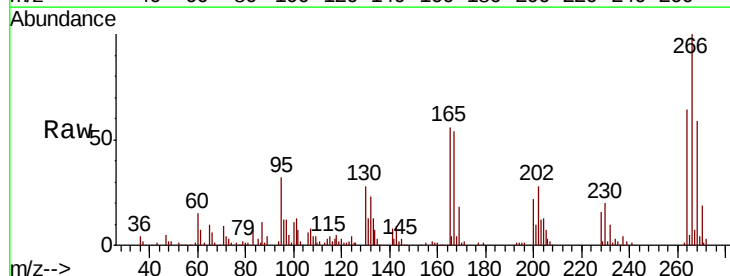
Instrument :
 BNA_F
 ClientSampled :

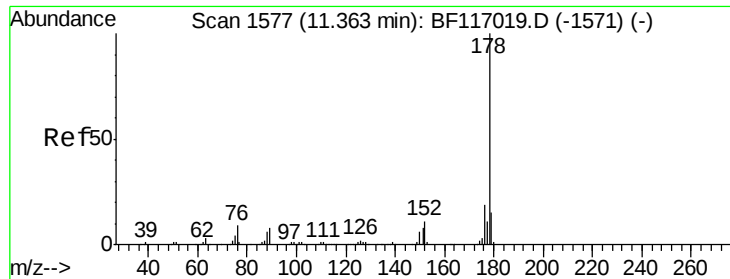
Tot Ion:200 Resp: 91042
 Ion Ratio Lower Upper
 200 100
 173 27.4 6.9 46.9
 215 42.3 23.8 63.8



#70
 Pentachlorophenol
 Concen: 109.823 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion:266 Resp: 120498
 Ion Ratio Lower Upper
 266 100
 268 59.3 50.5 75.7
 264 63.8 48.8 73.2

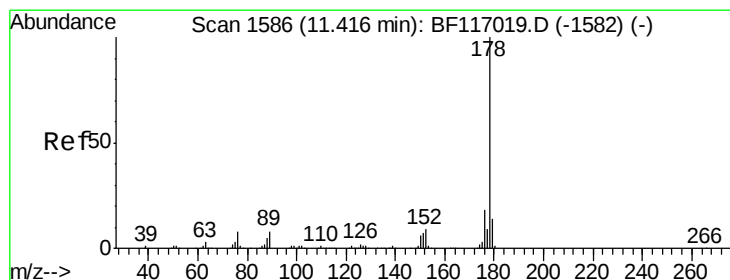
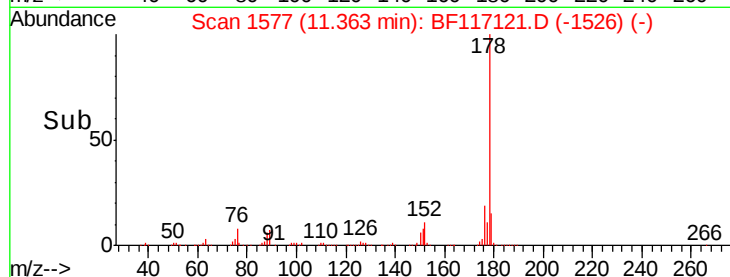
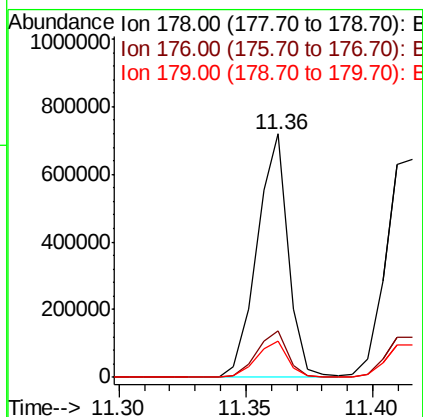
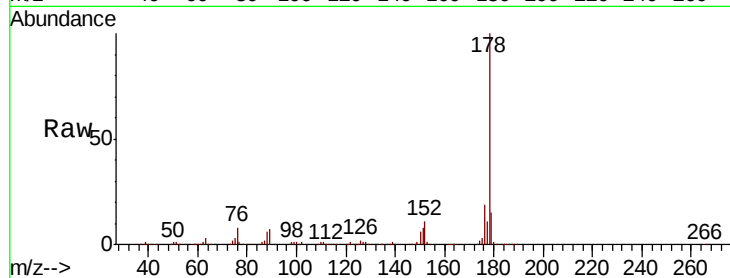




#71
Phenanthrene
Concen: 51.998 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

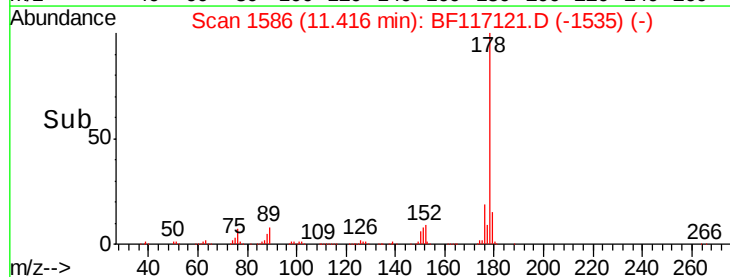
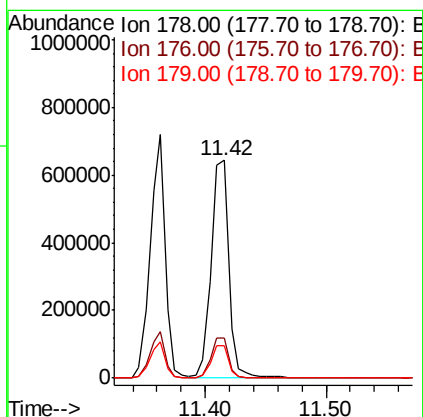
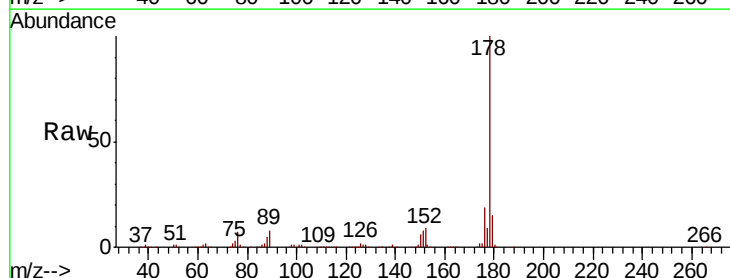
Instrument :
BNA_F
ClientSampled :

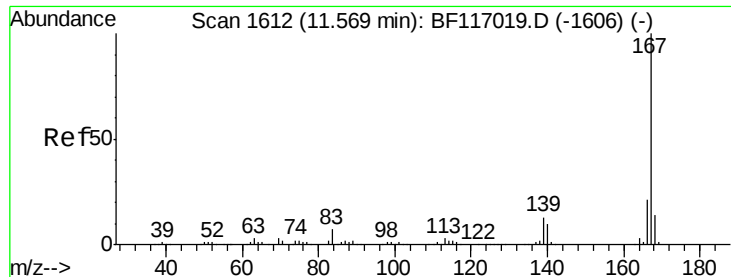
Tot Ion:178 Resp: 618916
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.0 12.4 18.6



#72
Anthracene
Concen: 53.270 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion:178 Resp: 647323
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.0 11.6 17.4





#73

Carbazole

Concen: 52.515 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA_F

ClientSampleId :

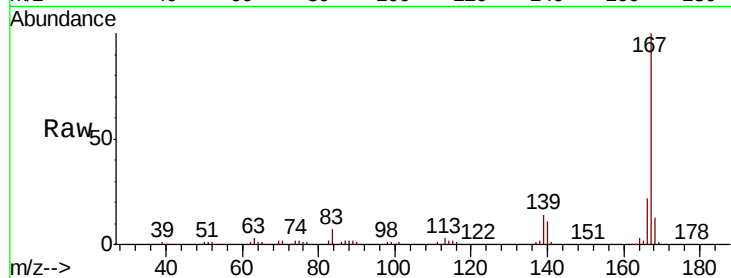
Tot Ion:167 Resp: 605733

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

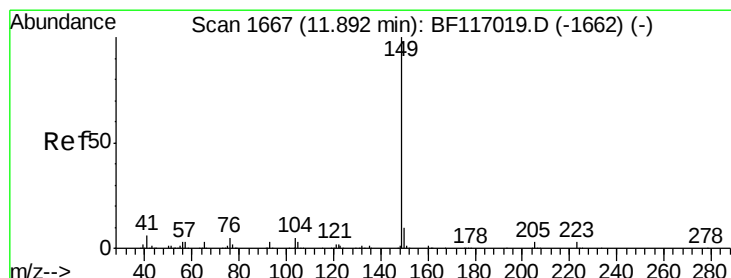
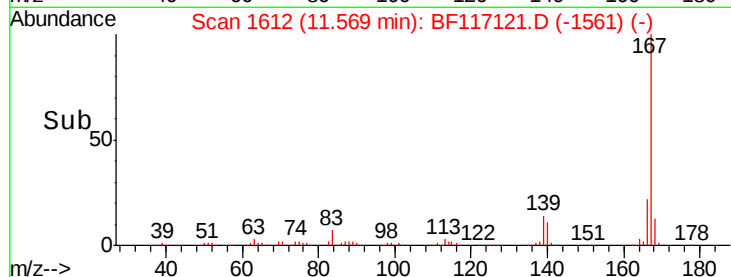
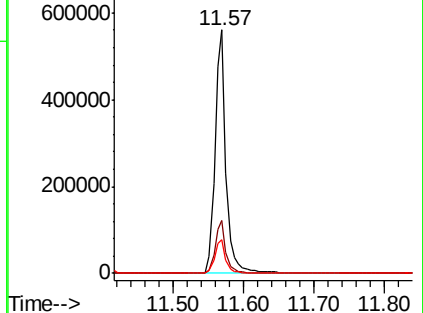
139 13.6 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 53.609 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

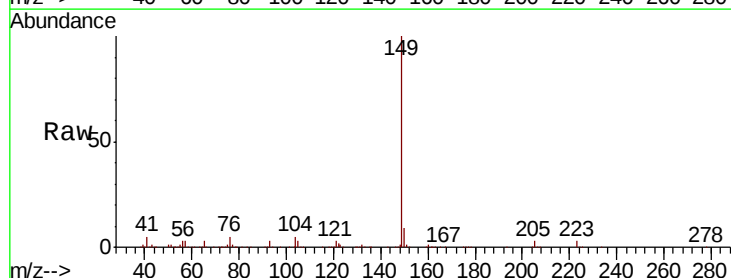
Tgt Ion:149 Resp: 735700

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

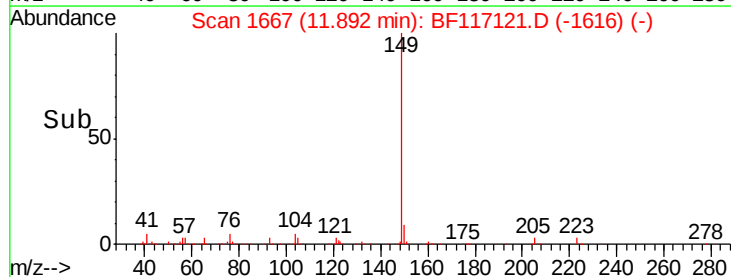
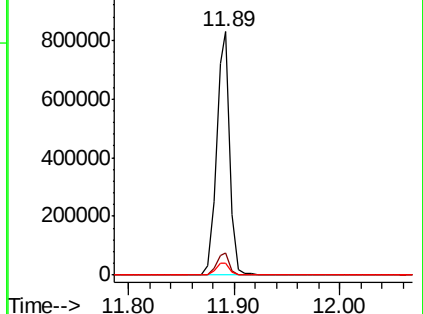
104 4.9 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

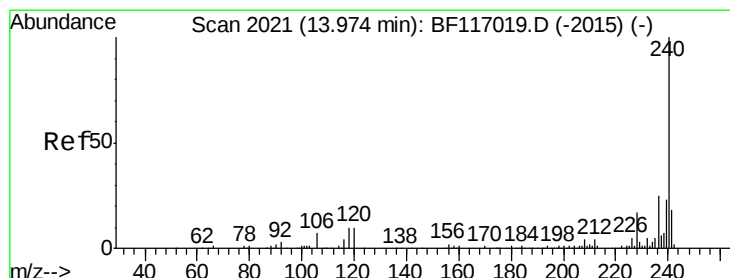
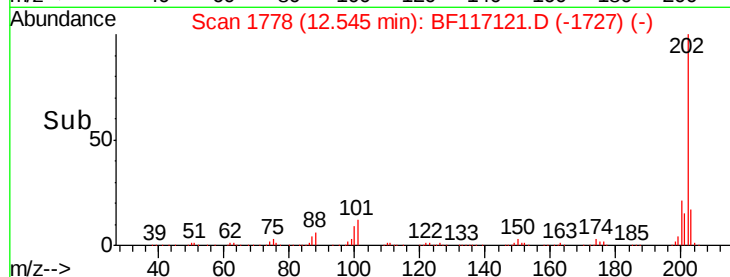
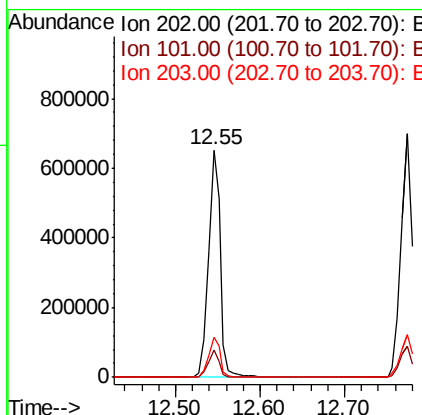
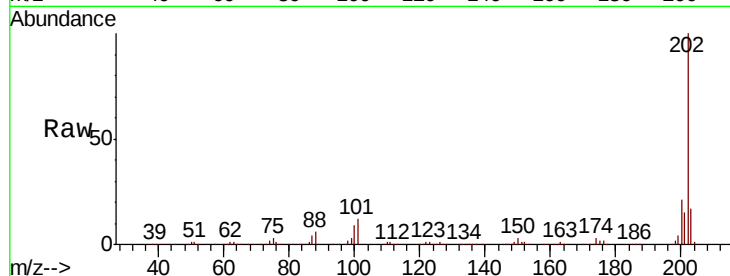




#75
 Fluoranthene
 Concen: 52.203 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

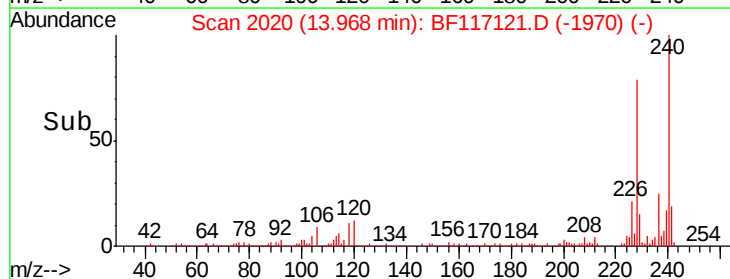
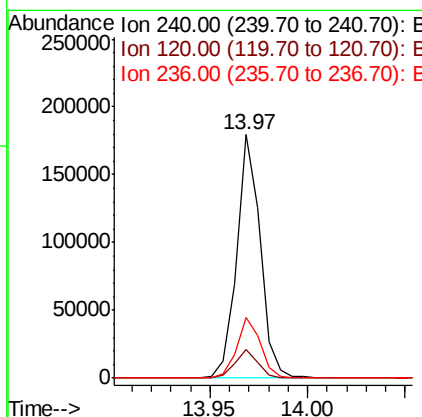
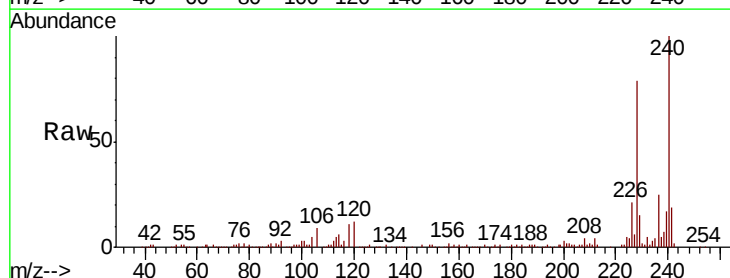
Instrument :
 BNA_F
 ClientSampleId :

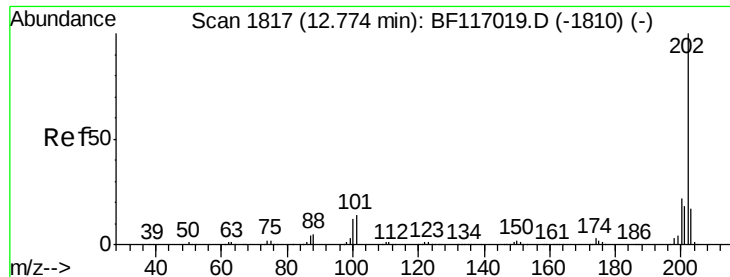
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.3
203	17.5	0.0	37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	25.0	20.3	30.5

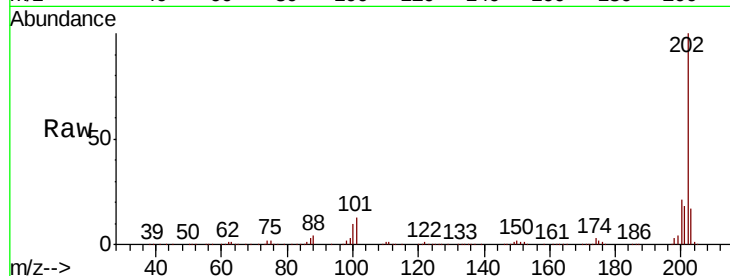




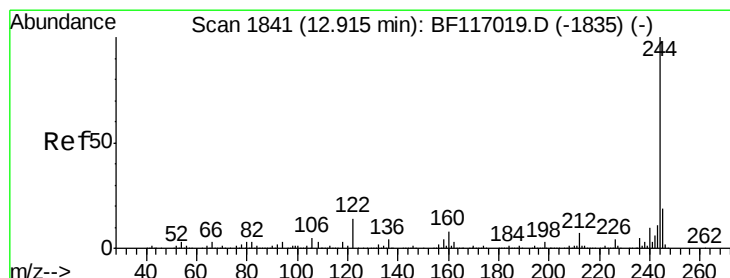
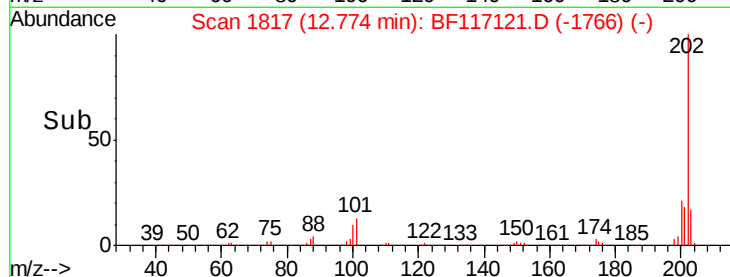
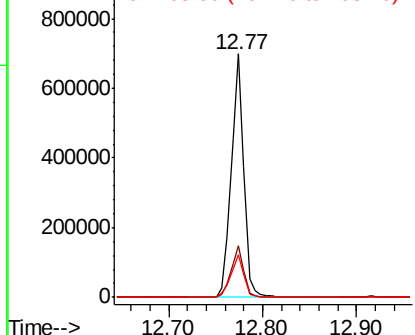
#78
Pvrene
Concen: 51.721 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	17.3	14.0	21.0

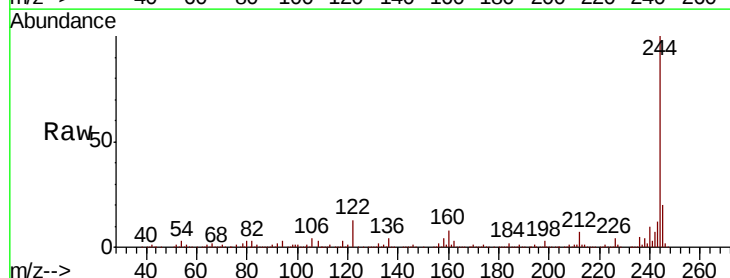


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

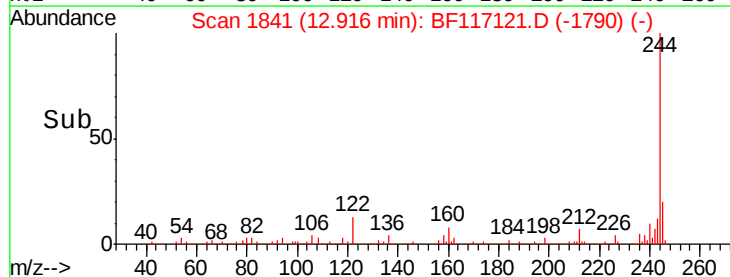
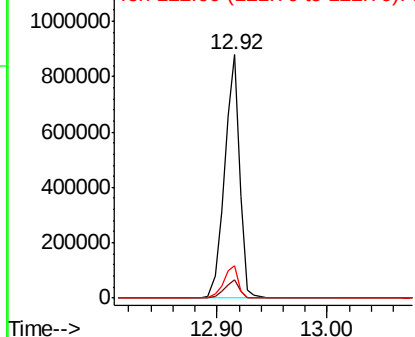


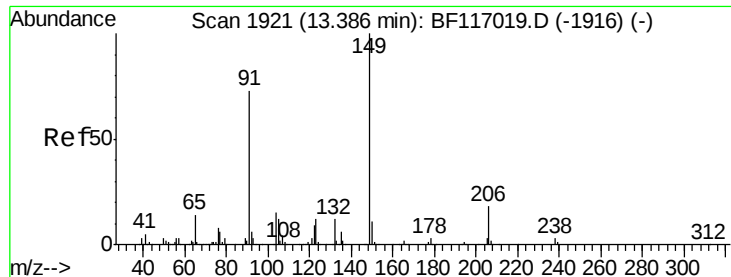
#79
Terphenyl-d14
Concen: 103.918 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	13.2	11.3	16.9



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

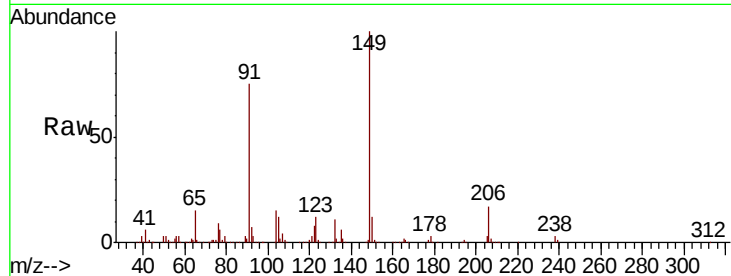




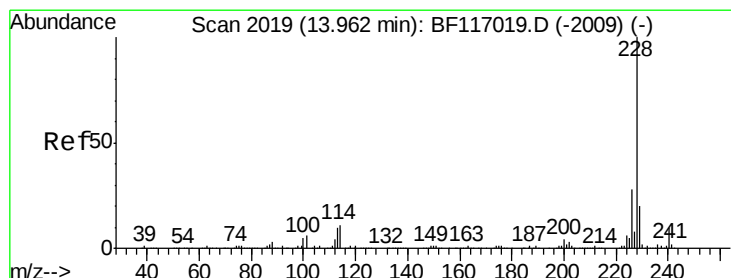
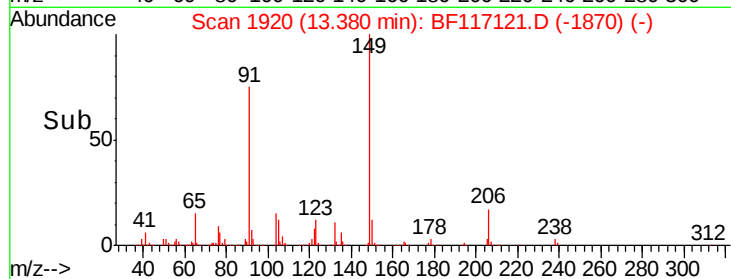
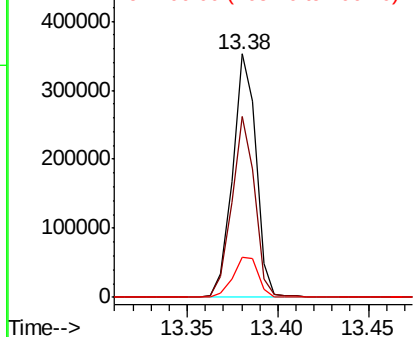
#80
Butylbenzylphthalate
Concen: 53.359 ng
RT: 13.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 317522
Ion Ratio Lower Upper
149 100
91 74.5 58.8 88.2
206 16.6 14.1 21.1

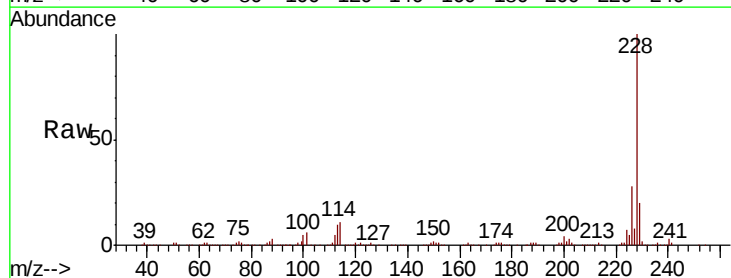


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

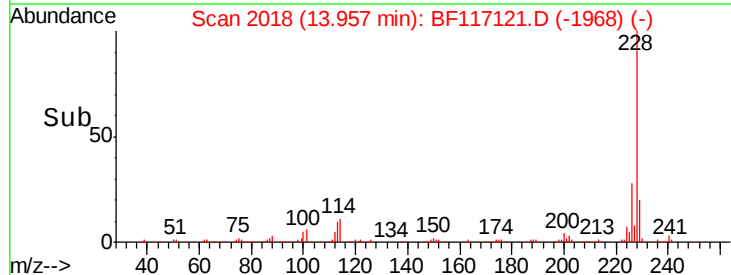
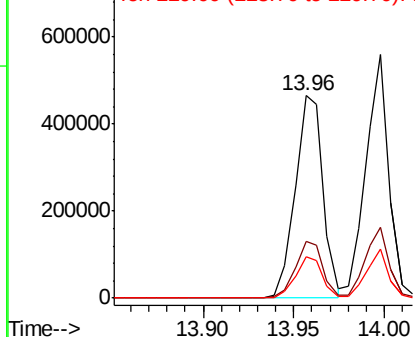


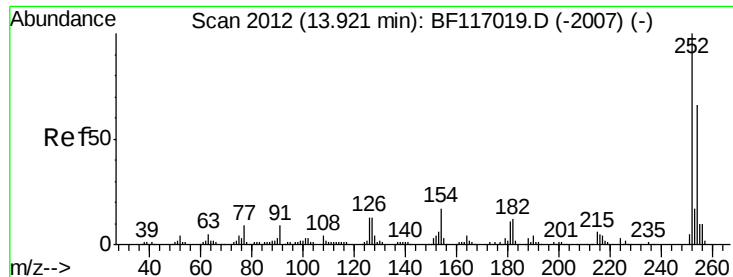
#81
Benzo(a)anthracene
Concen: 49.723 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion:228 Resp: 498608
Ion Ratio Lower Upper
228 100
226 28.2 22.3 33.5
229 20.2 15.9 23.9



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

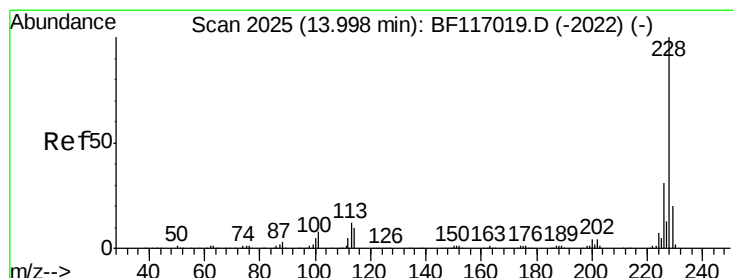
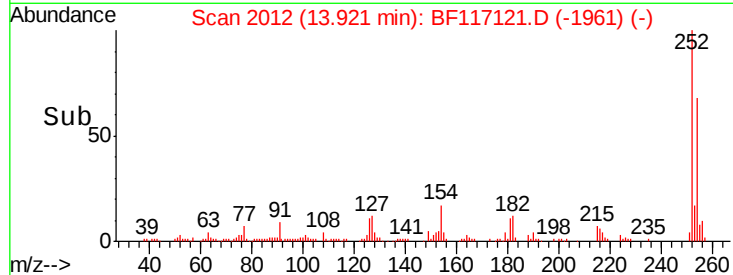
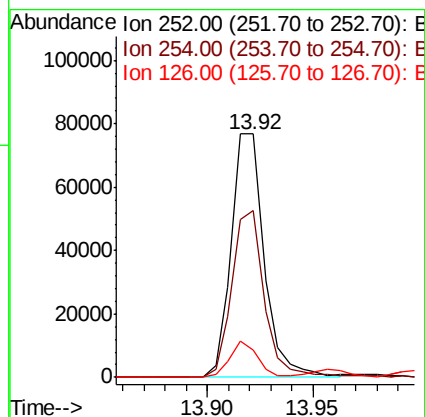
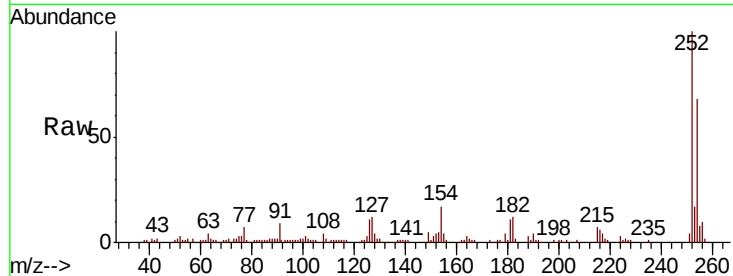




#82
 3,3'-Dichlorobenzidine
 Concen: 25.761 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

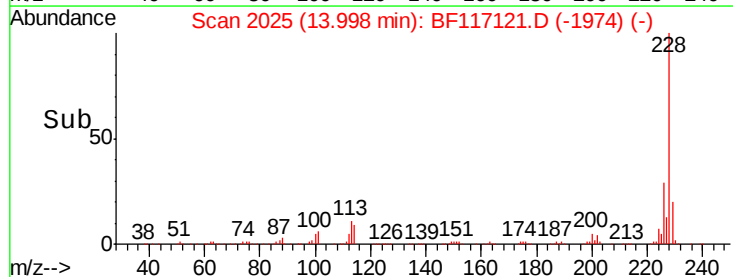
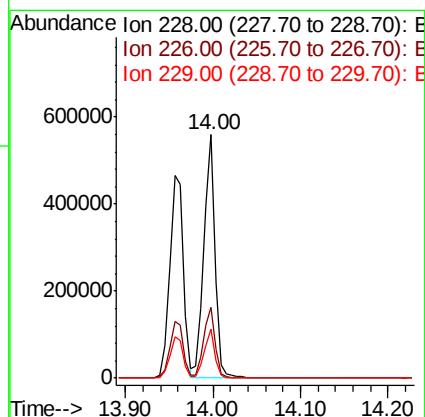
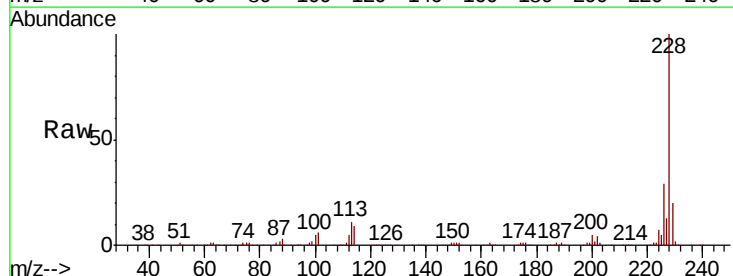
Instrument :
 BNA_F
 ClientSampleId :

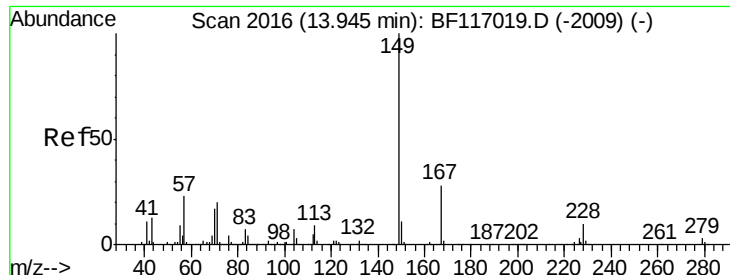
Tot Ion:252 Resp: 83244
 Ion Ratio Lower Upper
 252 100
 254 68.4 52.6 79.0
 126 11.3 10.4 15.6



#83
 Chrysene
 Concen: 51.683 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion:228 Resp: 505465
 Ion Ratio Lower Upper
 228 100
 226 29.2 24.8 37.2
 229 19.9 15.8 23.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 56.037 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA_F

ClientSampleId :

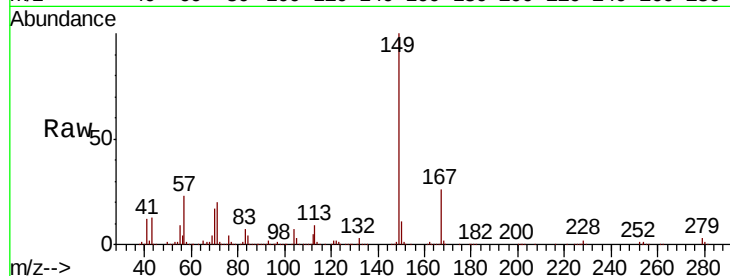
Tot Ion:149 Resp: 429947

Ion Ratio Lower Upper

149 100

167 26.4 22.2 33.2

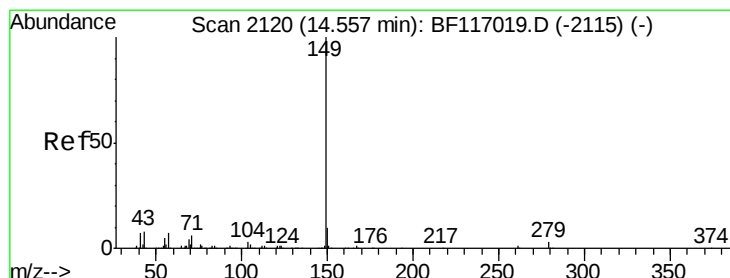
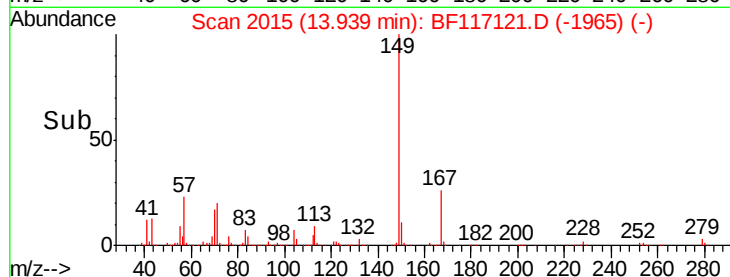
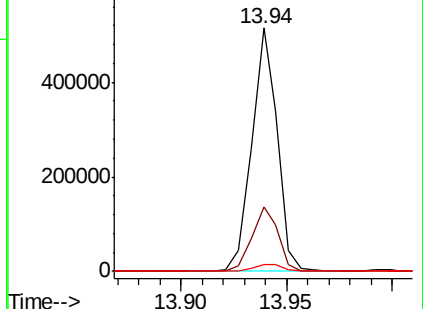
279 3.1 2.8 4.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 58.479 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

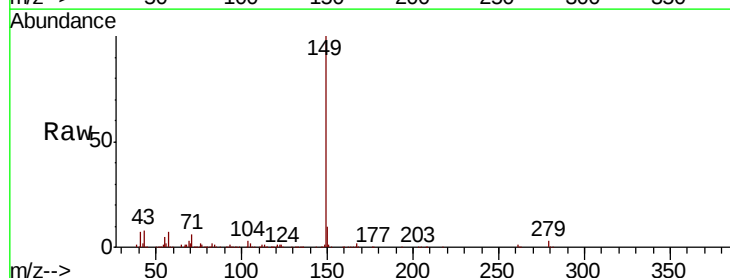
Tgt Ion:149 Resp: 706195

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

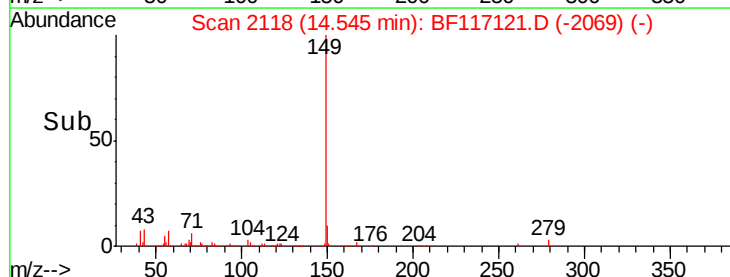
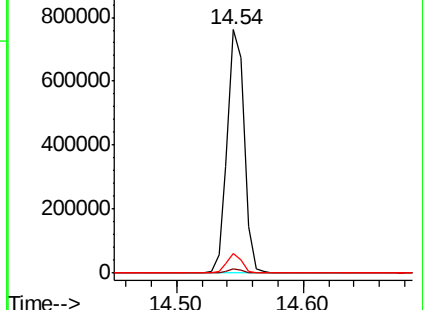
43 7.4 6.2 9.4

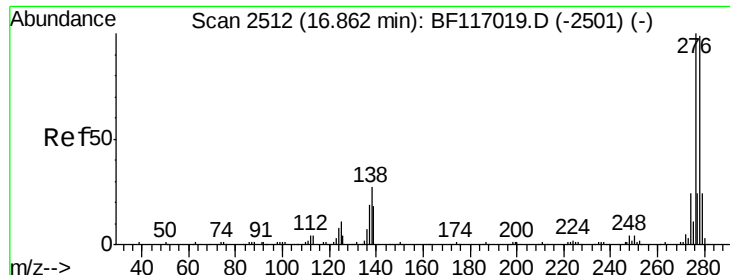


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

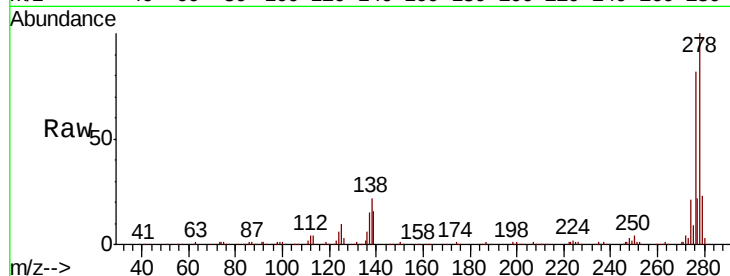




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 57.405 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.7	31.1
277	25.0	19.8	29.8

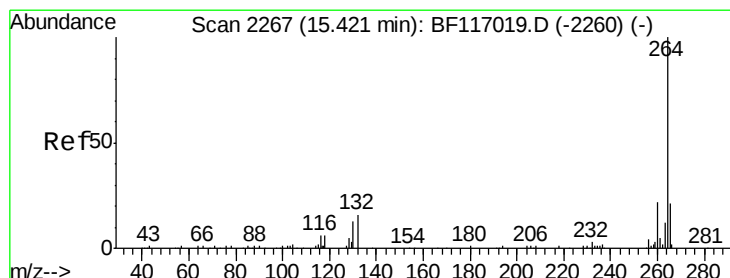
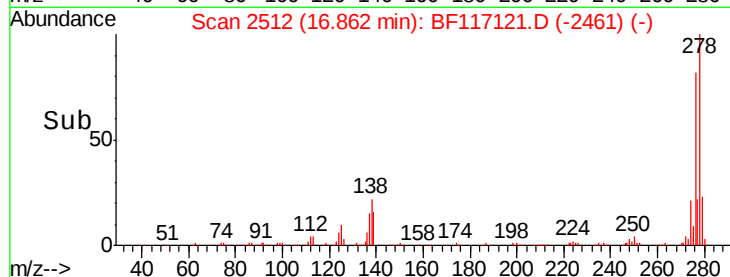
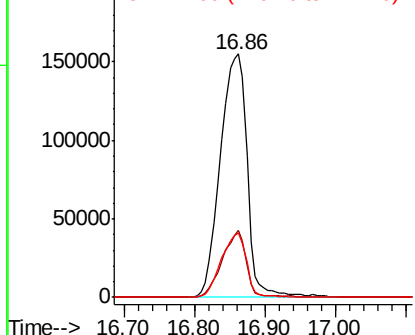


Abundance

Ion 276.00 (275.70 to 276.70): E

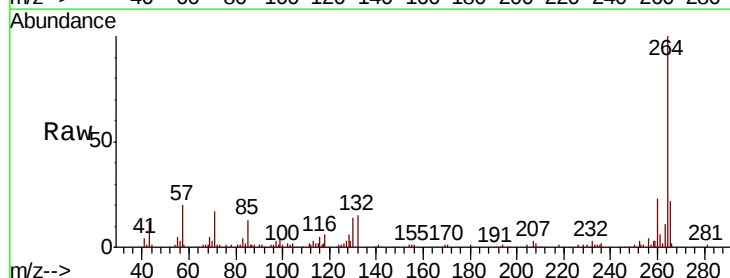
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.6	26.4
265	22.0	16.6	24.8

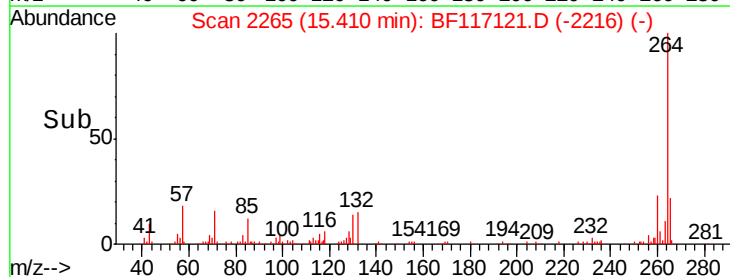
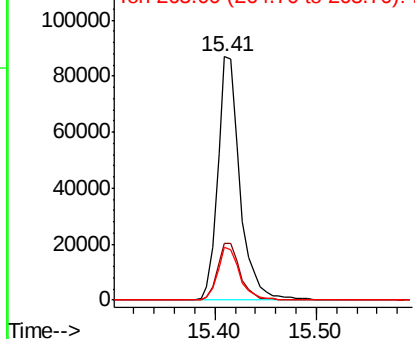


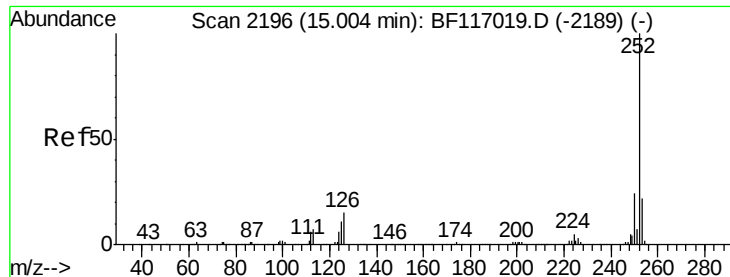
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

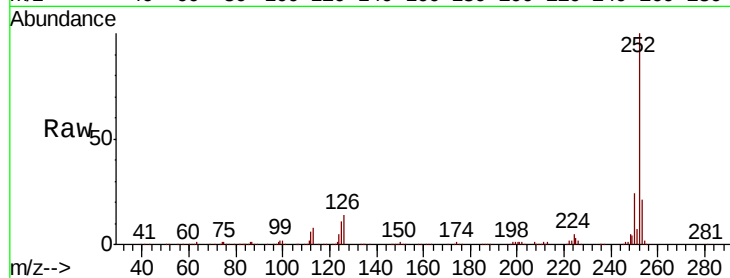




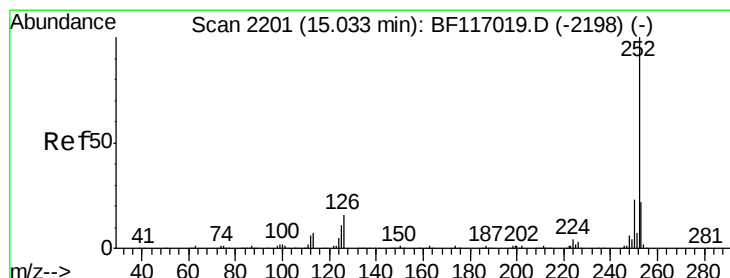
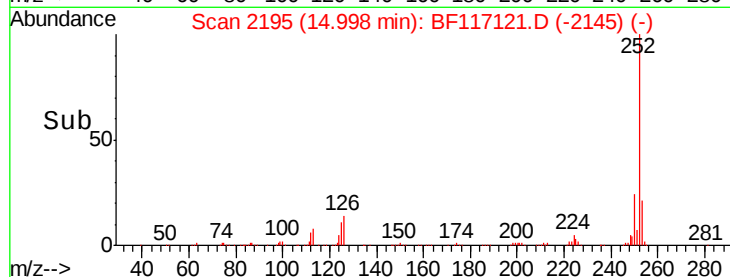
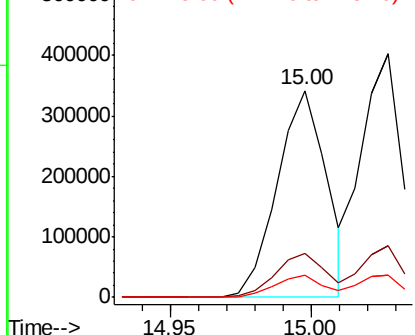
#88
Benzo(b)fluoranthene
Concen: 51.935 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 413776
Ion Ratio Lower Upper
252 100
253 21.4 17.6 26.4
125 10.8 8.6 12.8

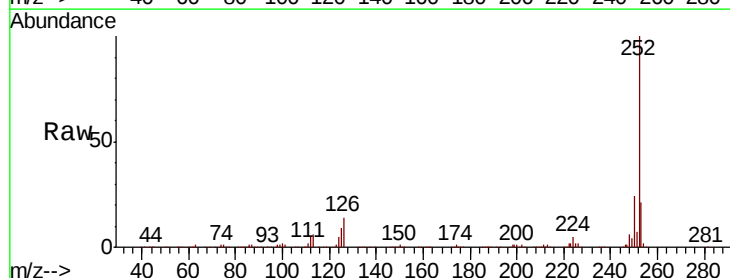


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

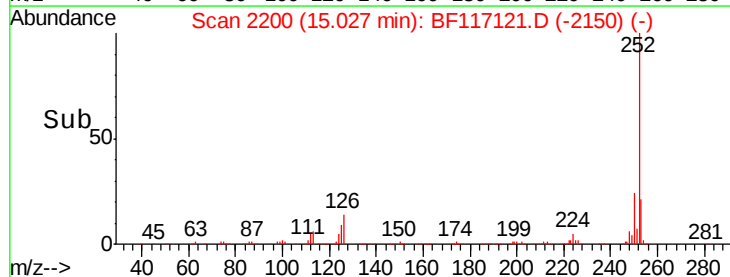
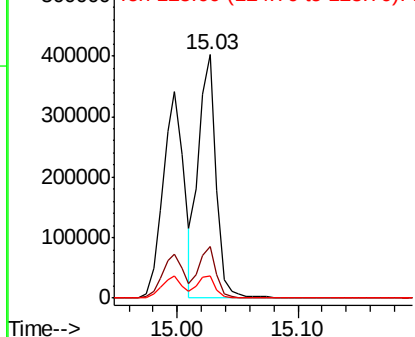


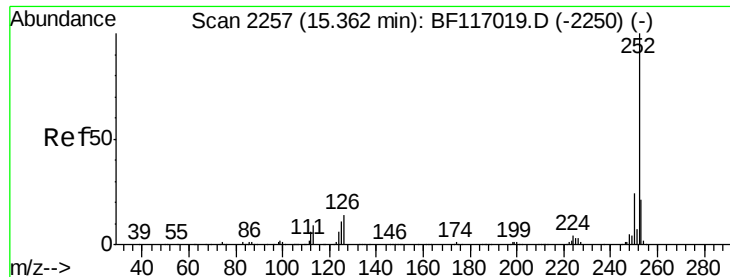
#89
Benzo(k)fluoranthene
Concen: 54.304 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion:252 Resp: 409832
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.2
125 9.3 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: 55.466 ng

RT: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA_F

ClientSampleId :

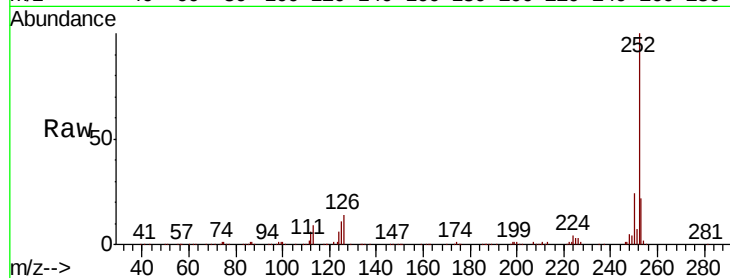
Tot Ion:252 Resp: 387779

Ion Ratio Lower Upper

252 100

253 21.7 16.6 25.0

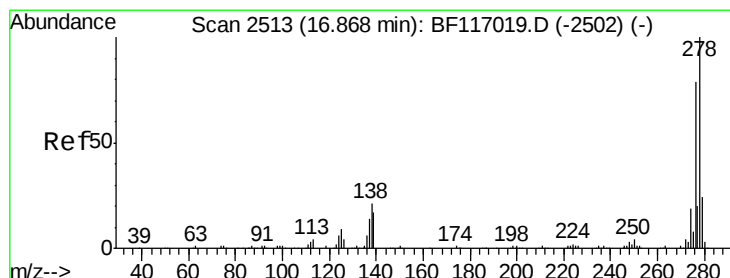
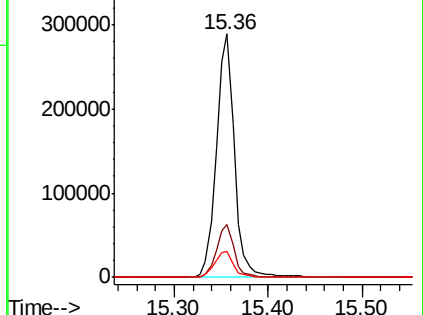
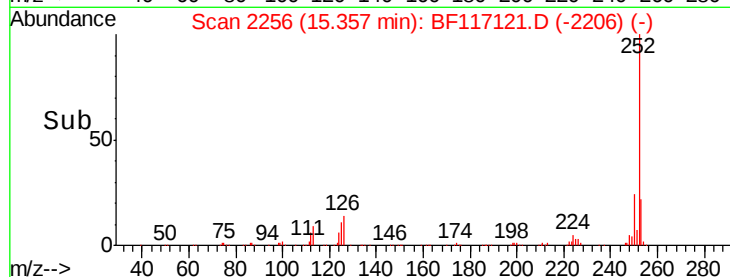
125 10.8 8.9 13.3



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: 61.860 ng

RT: 16.86 min Scan# 2512

Delta R.T. -0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

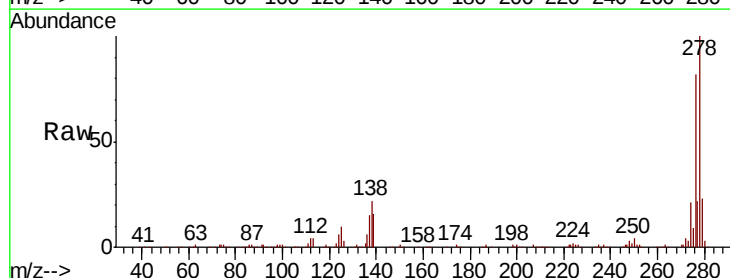
Tgt Ion:278 Resp: 344530

Ion Ratio Lower Upper

278 100

139 16.2 13.5 20.3

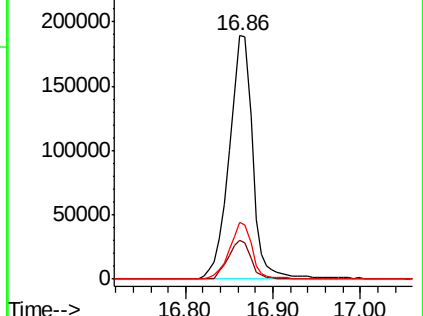
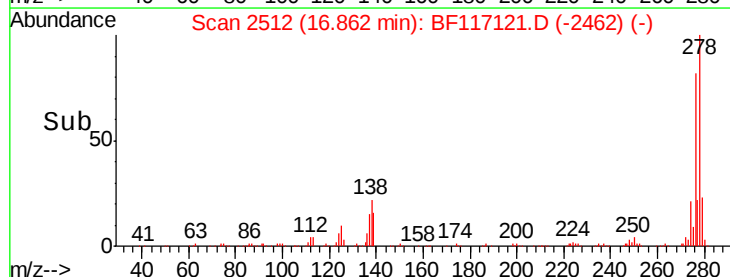
279 23.4 18.8 28.2

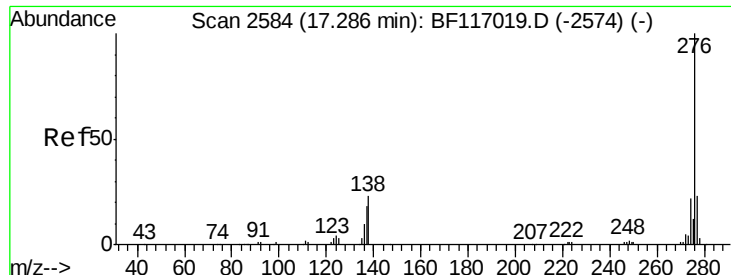


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 61.604 ng

RT: 17.29 min Scan# 2584

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA_F

ClientSampleId :

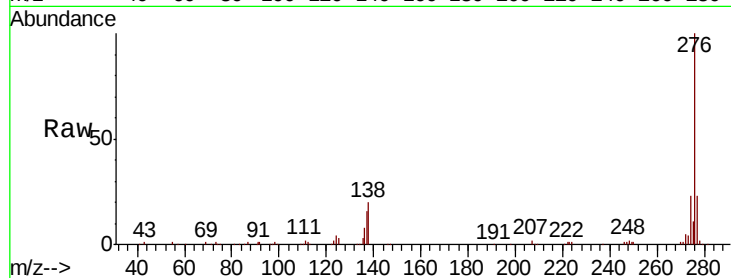
Tot Ion:276 Resp: 341899

Ion Ratio Lower Upper

276 100

277 22.9 18.6 27.8

138 20.4 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

