

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117031.D
 Acq On : 13 Sep 2019 19:18
 Operator : HP/JU
 Sample : K4851-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 00:17:49 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	66981	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	270953	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	139473	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	235606	20.00	ng	0.00
76) Chrysene-d12	13.97	240	169554	20.00	ng	0.00
87) Perylene-d12	15.42	264	156450	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	367007	85.54	ng	0.00
7) Phenol-d6	6.46	99	533902	96.29	ng	0.00
23) Nitrobenzene-d5	7.38	82	327937	63.59	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	103402	88.71	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	559626	62.74	ng	0.00
79) Terphenyl-d14	12.92	244	547780	60.39	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.59	88	59480	33.132	ng	98
3) Pyridine	3.34	79	142324	28.964	ng	97
4) n-Nitrosodimethylamine	3.28	42	56719	33.636	ng	99
6) Aniline	6.48	93	174590	24.457	ng	96
8) 2-Chlorophenol	6.61	128	172163	37.198	ng	98
9) Benzaldehyde	6.37	77	101537	35.617	ng	98
10) Phenol	6.47	94	241460	39.504	ng	95
11) bis(2-Chloroethyl)ether	6.56	93	159991	35.614	ng	97
12) 1,3-Dichlorobenzene	6.76	146	177868	34.248	ng	98
13) 1,4-Dichlorobenzene	6.84	146	183019	34.531	ng	98
14) 1,2-Dichlorobenzene	6.99	146	169090	34.266	ng	97
15) Benzyl Alcohol	6.96	79	156025	36.696	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	152748	34.416	ng	99
17) 2-Methylphenol	7.07	107	143229	36.925	ng	97
18) Hexachloroethane	7.33	117	69747	34.207	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	123434	36.560	ng	99
20) 3+4-Methylphenols	7.23	107	180130	37.281	ng	96
22) Acetophenone	7.23	105	249686	36.270	ng	99
24) Nitrobenzene	7.40	77	190152	37.339	ng	94
25) Isophorone	7.64	82	338339	37.055	ng	99
26) 2-Nitrophenol	7.72	139	87507	40.004	ng	97
27) 2,4-Dimethylphenol	7.76	122	147988	42.662	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	203496	36.174	ng	99
29) 2,4-Dichlorophenol	7.96	162	138881	38.210	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	138563	35.286	ng	97
31) Naphthalene	8.12	128	485746	37.276	ng	100
32) Benzoic acid	7.87	122	63712	27.577	ng	98
33) 4-Chloroaniline	8.17	127	88679	15.343	ng	98
34) Hexachlorobutadiene	8.25	225	77235	34.667	ng	97
35) Caprolactam	8.53	113	26824	21.803	ng	92
36) 4-Chloro-3-methylphenol	8.66	107	165890	39.142	ng	98
37) 2-Methylnaphthalene	8.82	142	331545	37.783	ng	97
38) 1-Methylnaphthalene	8.92	142	306793	37.329	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	128663	35.724	ng	98

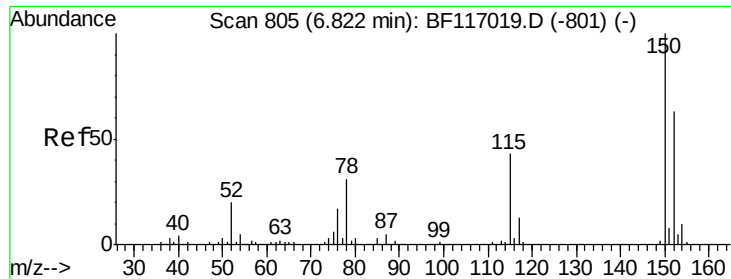
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117031.D
 Acq On : 13 Sep 2019 19:18
 Operator : HP/JU
 Sample : K4851-04MS
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Instrument :
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 ClientSampleId :

Quant Time: Sep 14 00:17:49 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)
41) Hexachlorocyclopentadiene	8.97	237	123368	77.739	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	92041	37.658	nq	97
44) 2,4,5-Trichlorophenol	9.13	196	99648	38.160	nq	98
46) 1,1'-Biphenyl	9.27	154	398878	36.460	nq	99
47) 2-Chloronaphthalene	9.30	162	309702	35.869	nq	99
48) 2-Nitroaniline	9.39	65	98204	35.460	nq	94
49) Acenaphthylene	9.72	152	495243	38.289	nq	100
50) Dimethylphthalate	9.57	163	428898	43.431	nq	98
51) 2,6-Dinitrotoluene	9.63	165	78112	38.837	nq	86
52) Acenaphthene	9.89	154	280330	36.561	nq	99
53) 3-Nitroaniline	9.80	138	59837	23.580	nq	95
54) 2,4-Dinitrophenol	9.92	184	53854	64.072	nq	98
55) Dibenzofuran	10.06	168	433312	38.303	nq	97
56) 4-Nitrophenol	9.97	139	128834	78.334	nq	93
57) 2,4-Dinitrotoluene	10.04	165	106334	40.729	nq	97
58) Fluorene	10.40	166	346080	37.978	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	77346	38.706	nq	99
60) Diethylphthalate	10.27	149	364533	37.520	nq	97
61) 4-Chlorophenyl-phenylether	10.39	204	146976	37.277	nq	99
62) 4-Nitroaniline	10.42	138	99885	37.849	nq	97
63) Azobenzene	10.55	77	377829	38.076	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	41561	40.050	nq	90
66) n-Nitrosodiphenylamine	10.51	169	303733	37.328	nq	97
67) 4-Bromophenyl-phenylether	10.88	248	85053	35.349	nq	94
68) Hexachlorobenzene	10.95	284	91409	34.734	nq	95
69) Atrazine	11.03	200	86134	41.719	nq	96
70) Pentachlorophenol	11.15	266	93337	75.662	nq	94
71) Phenanthrene	11.36	178	496507	37.102	nq	99
72) Anthracene	11.41	178	527158	38.585	nq	99
73) Carbazole	11.56	167	499500	38.517	nq	99
74) Di-n-butylphthalate	11.89	149	589471	38.204	nq	99
75) Fluoranthene	12.55	202	523364	38.062	nq	98
77) Benzidine	12.66	184	246725	45.173	nq	99
78) Pyrene	12.77	202	529318	37.206	nq	99
80) Butylbenzylphthalate	13.39	149	254688	37.886	nq	96
81) Benzo(a)anthracene	13.96	228	407350	35.959	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	74925	20.525	nq	94
83) Chrysene	14.00	228	412314	37.318	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	336679	38.843	nq	99
85) Di-n-octyl phthalate	14.56	149	529026	38.779	nq	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	332514	41.252	nq	99
88) Benzo(b)fluoranthene	15.03	252	318822	33.643	nq	98
89) Benzo(k)fluoranthene	15.03	252	318822	35.515	nq	# 97
90) Benzo(a)pyrene	15.36	252	313831	37.738	nq	99
91) Dibenzo(a,h)anthracene	16.86	278	273829	41.334	nq	99
92) Benzo(g,h,i)perylene	17.29	276	282224	42.751	nq	99

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

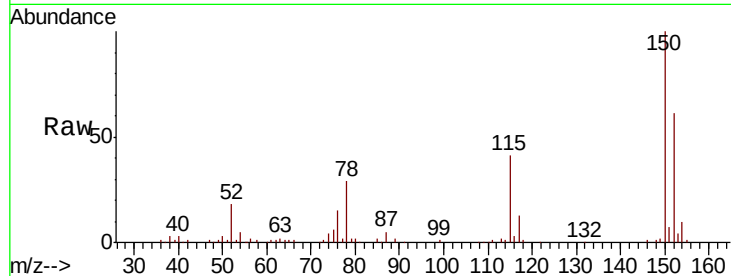


#1

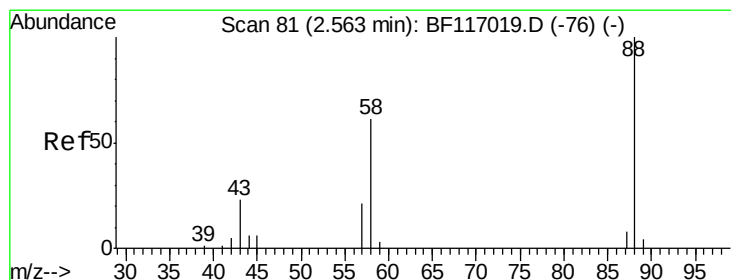
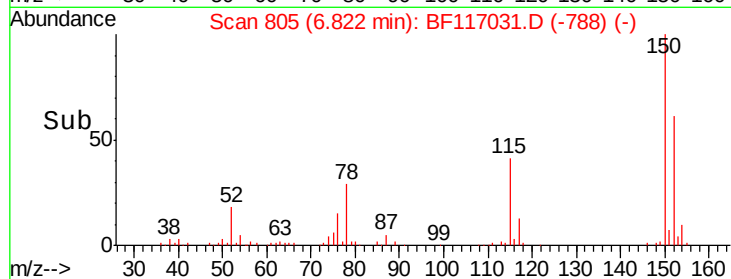
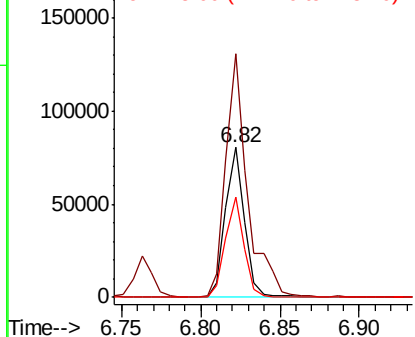
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 66981
Ion Ratio Lower Upper
152 100
150 162.8 127.5 191.3
115 66.8 55.0 82.4



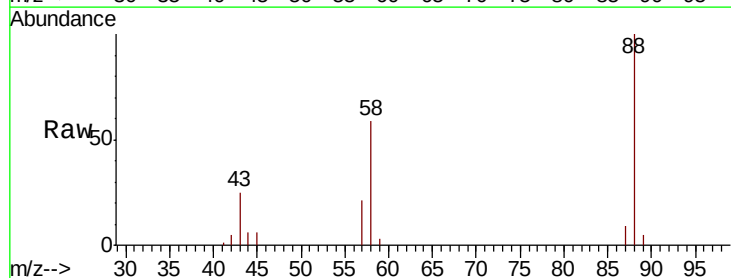
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



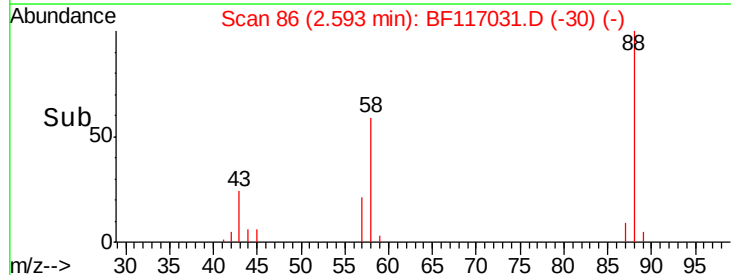
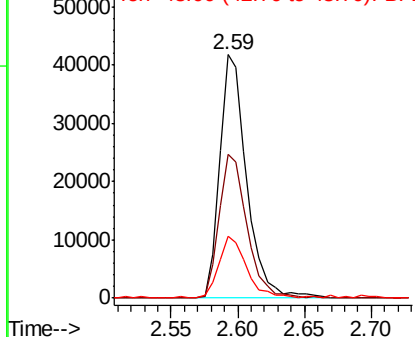
#2

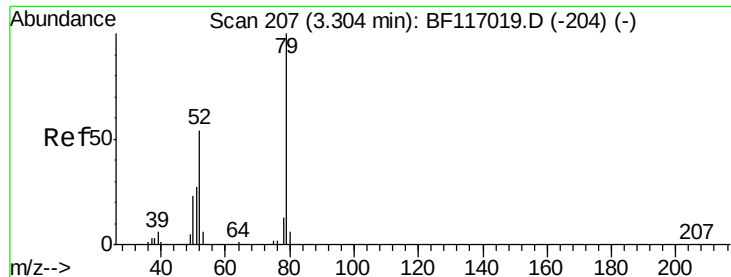
1,4-Dioxane
Concen: 33.132 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.03 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion: 88 Resp: 59480
Ion Ratio Lower Upper
88 100
58 61.0 49.3 73.9
43 26.0 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: 28.964 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.04 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Instrument :

BNA_F

ClientSampleId :

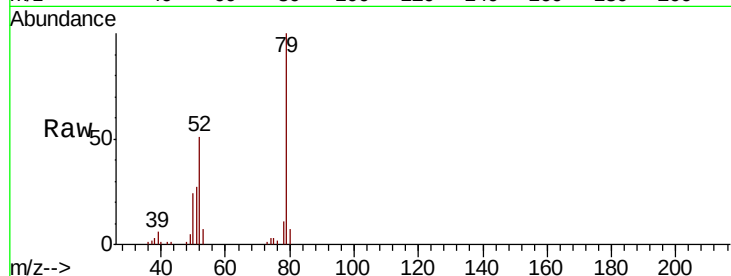
Tot Ion: 79 Resp: 142324

Ion Ratio Lower Upper

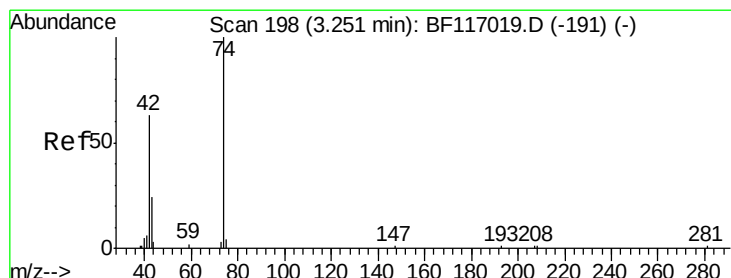
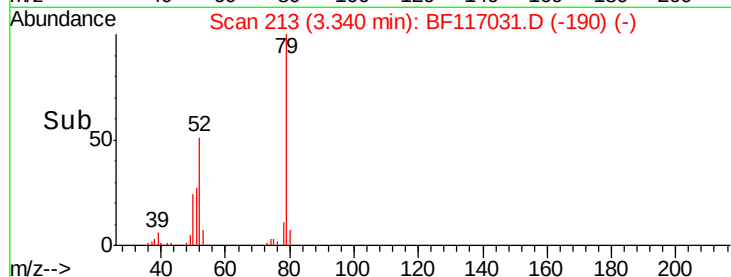
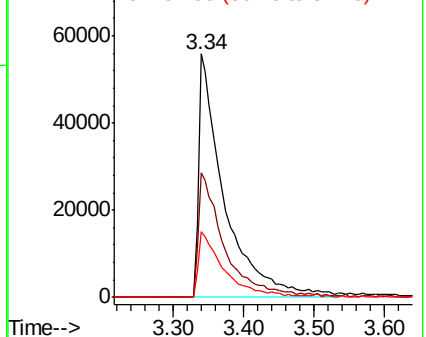
79 100

52 51.2 43.5 65.3

51 26.9 21.8 32.6



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



#4

n-Nitrosodimethylamine

Concen: 33.636 ng

RT: 3.28 min Scan# 202

Delta R.T. 0.02 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

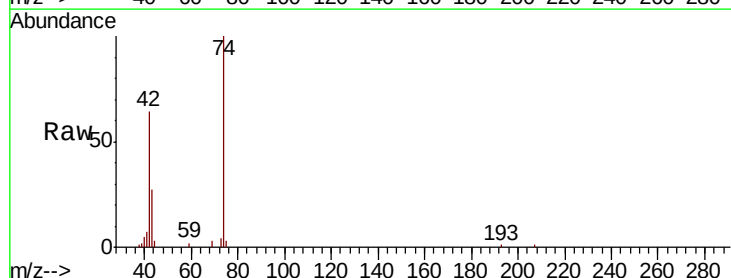
Tgt Ion: 42 Resp: 56719

Ion Ratio Lower Upper

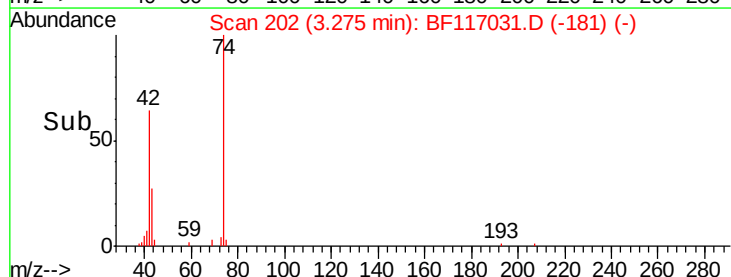
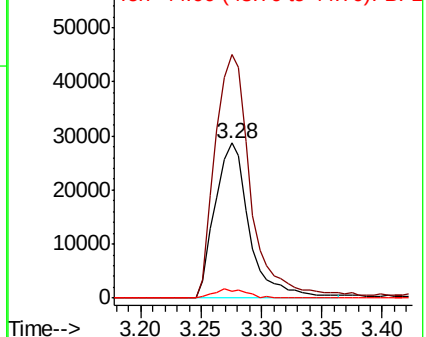
42 100

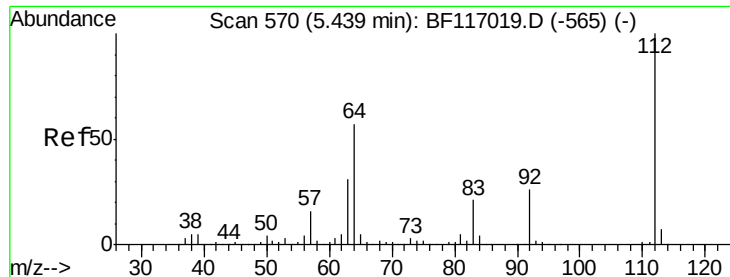
74 157.1 127.1 190.7

44 4.6 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: 85.545 ng

RT: 5.45 min Scan# 571

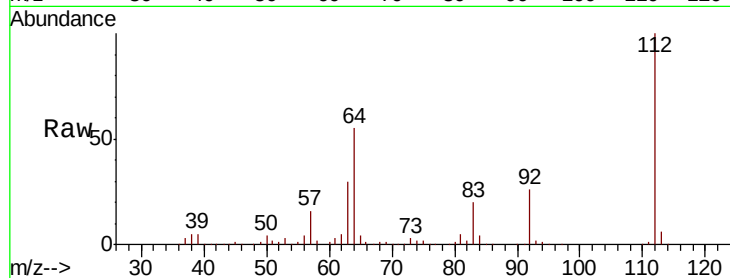
Delta R.T. 0.01 min

Lab File: BF117031.D

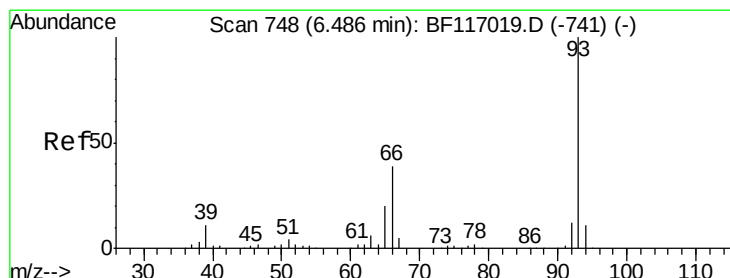
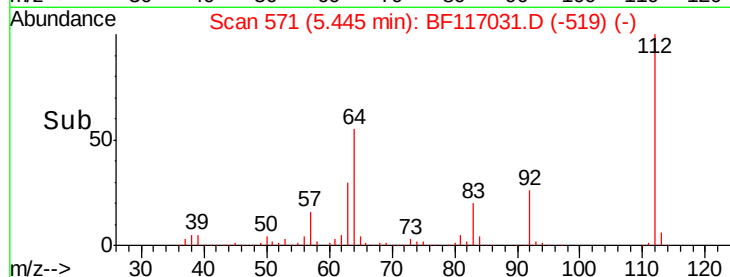
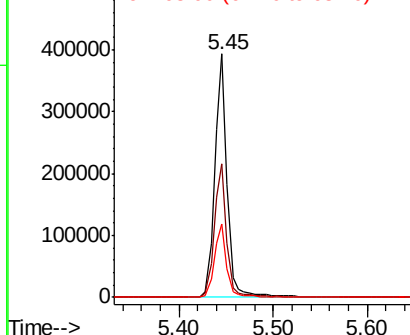
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	367007
Ion	Ratio	Lower	Upper
112	100		
64	54.9	45.7	68.5
63	29.9	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: 24.457 ng

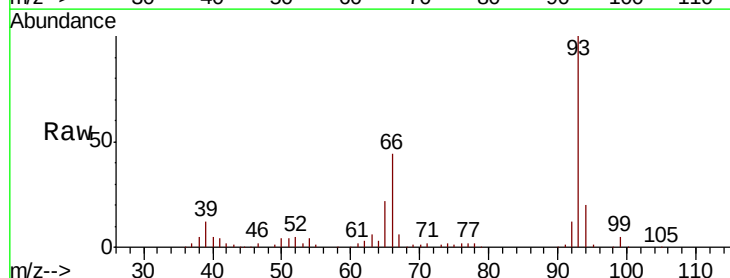
RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

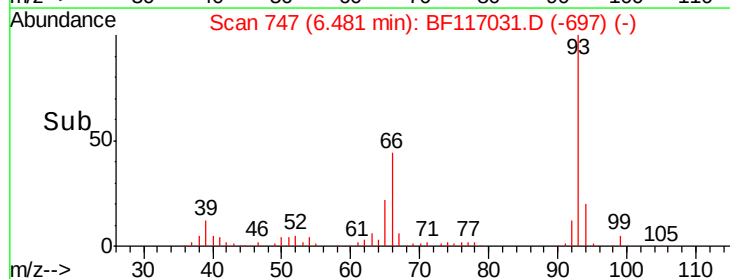
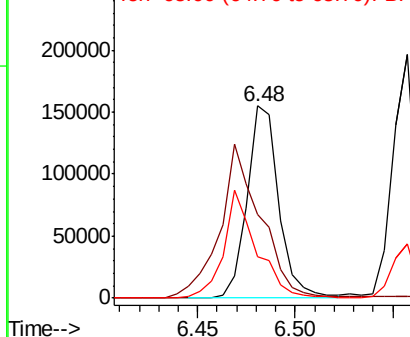
Lab File: BF117031.D

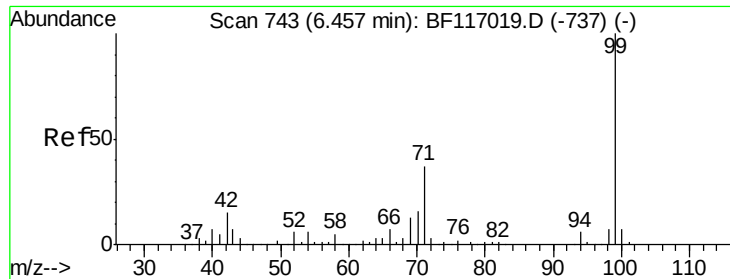
Acq: 13 Sep 2019 19:18

Tgt Ion:	93	Resp:	174590
Ion	Ratio	Lower	Upper
93	100		
66	43.7	32.6	49.0
65	21.7	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: 96.294 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Instrument :

BNA_F

ClientSampleId :

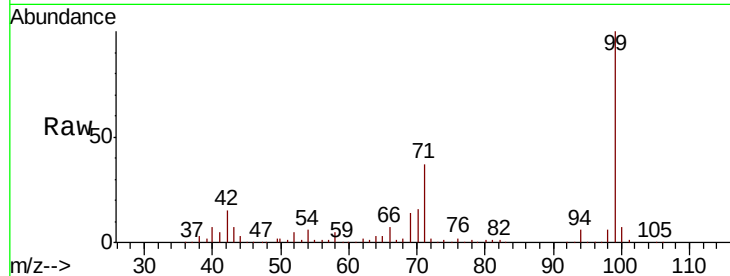
Tot Ion: 99 Resp: 533902

Ion Ratio Lower Upper

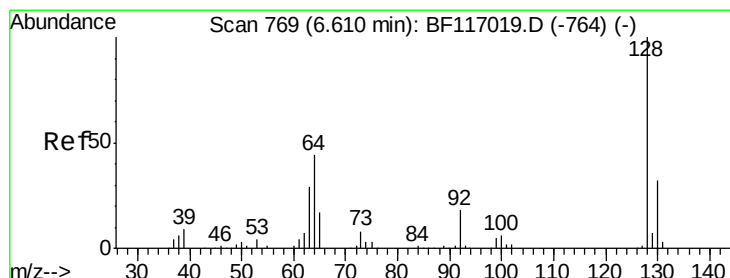
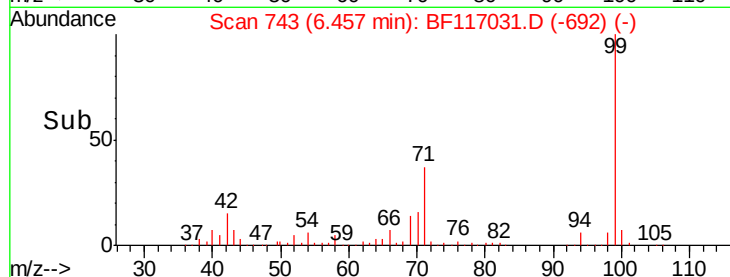
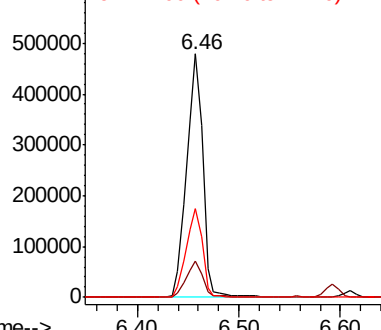
99 100

42 14.9 12.2 18.2

71 36.7 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: 37.198 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

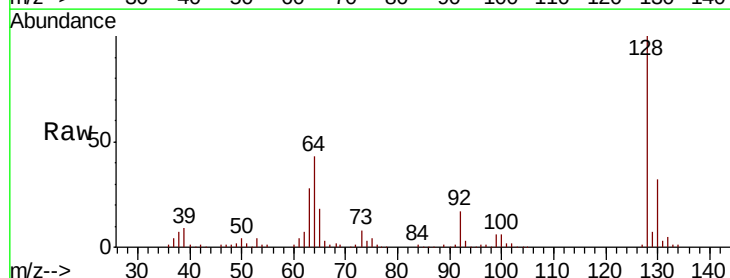
Tgt Ion:128 Resp: 172163

Ion Ratio Lower Upper

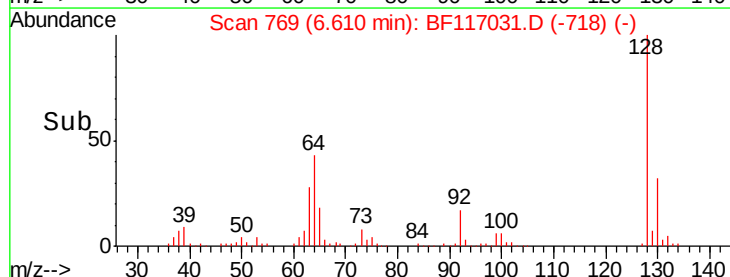
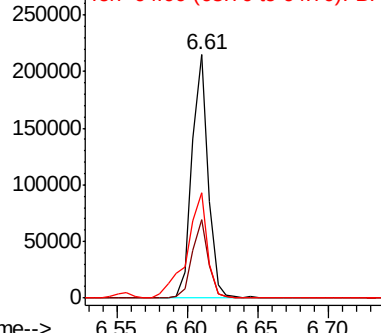
128 100

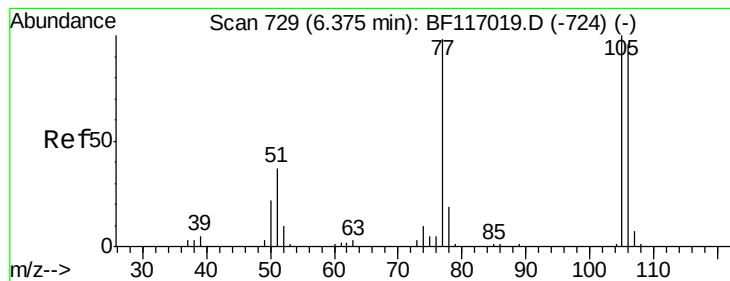
130 32.3 11.8 51.8

64 43.3 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: 35.617 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Instrument :

BNA_F

ClientSampleId :

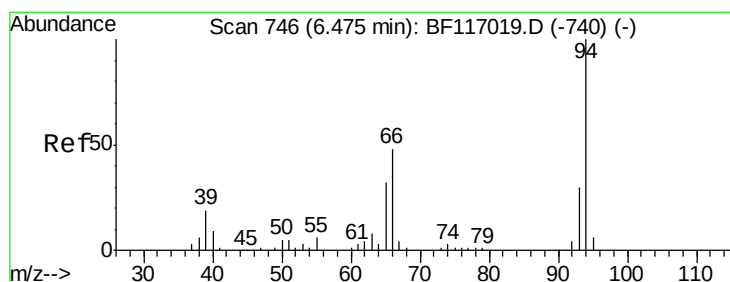
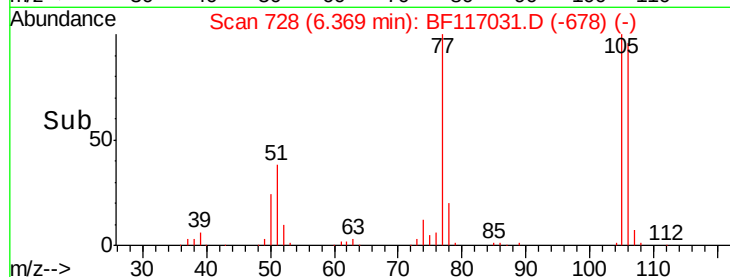
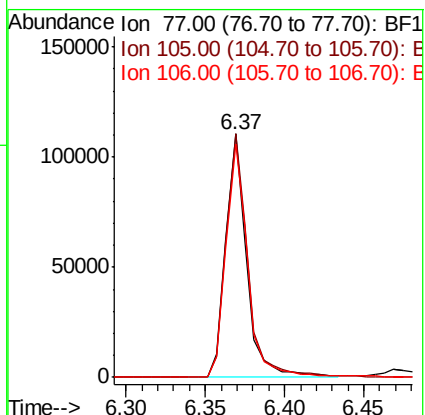
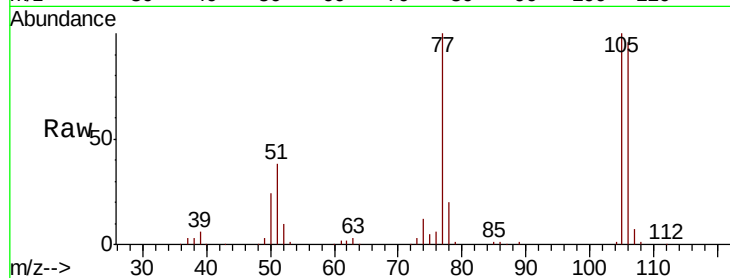
Tot Ion: 77 Resp: 101537

Ion Ratio Lower Upper

77 100

105 99.9 81.8 121.8

106 95.9 77.3 117.3



#10

Phenol

Concen: 39.504 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

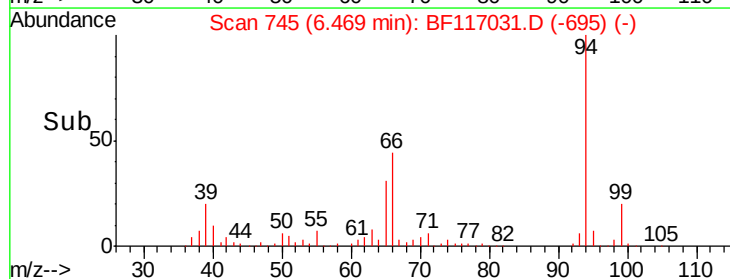
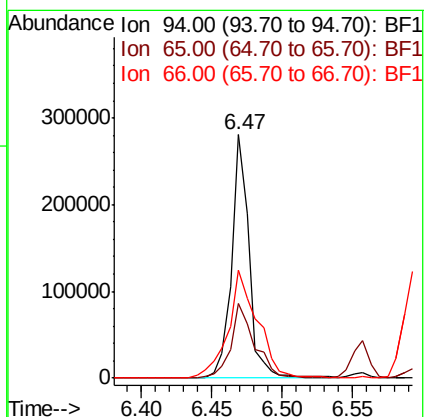
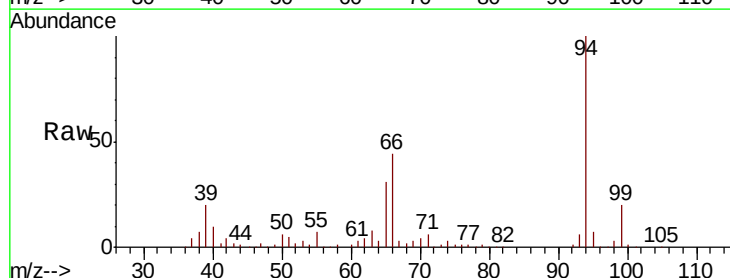
Tgt Ion: 94 Resp: 241460

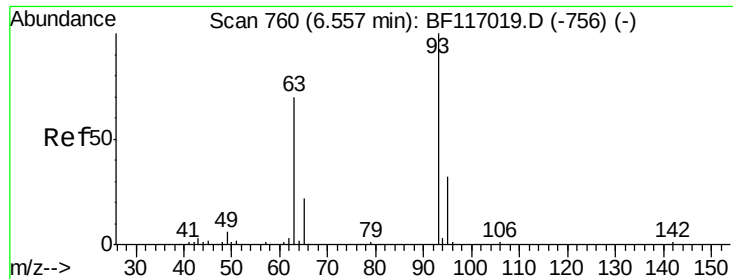
Ion Ratio Lower Upper

94 100

65 30.9 12.5 52.5

66 44.2 28.9 68.9

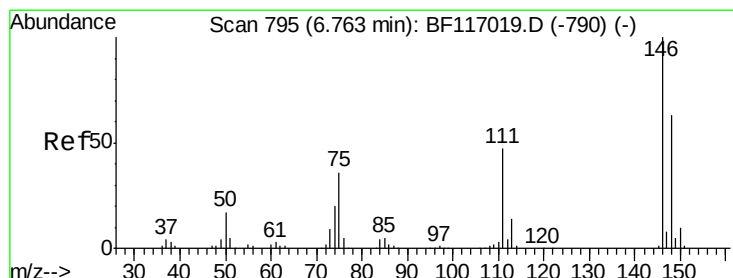
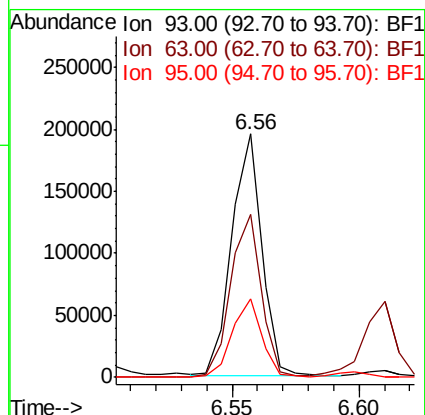
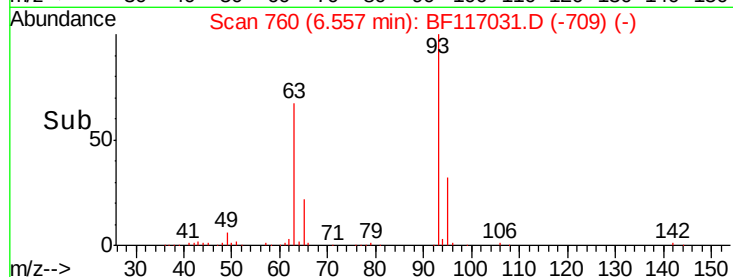
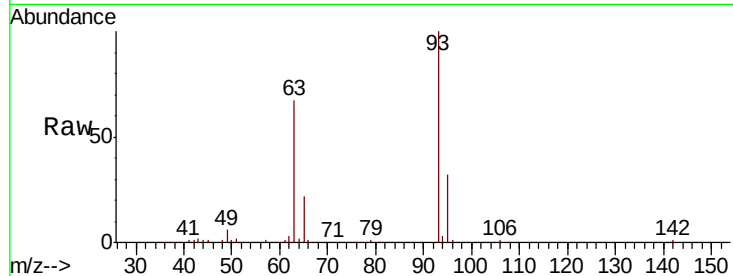




#11
bis(2-Chloroethyl)ether
Concen: 35.614 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

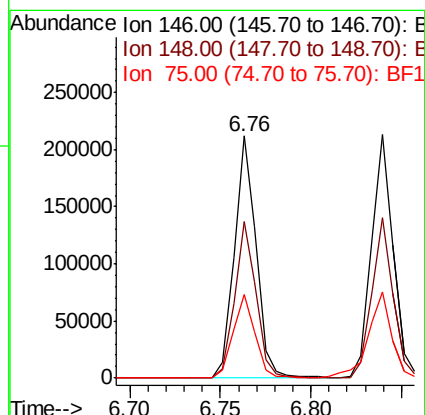
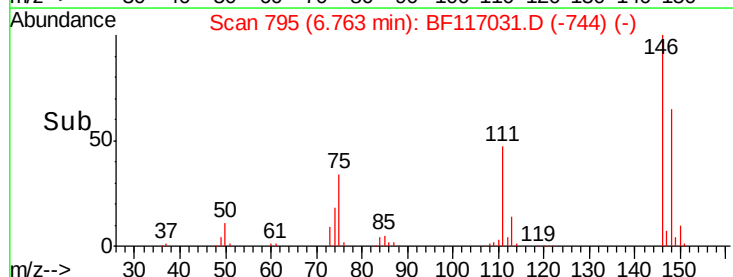
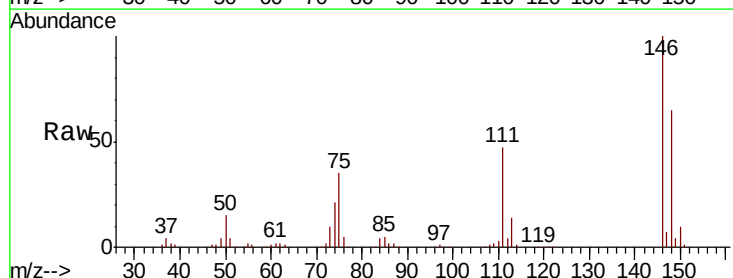
Instrument :
BNA_F
ClientSampled :

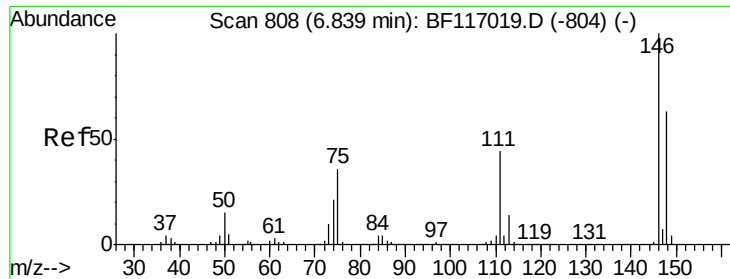
Tot Ion: 93 Resp: 159991
Ion Ratio Lower Upper
93 100
63 66.9 49.3 89.3
95 32.4 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 34.248 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion: 146 Resp: 177868
Ion Ratio Lower Upper
146 100
148 64.8 50.8 76.2
75 34.6 28.7 43.1

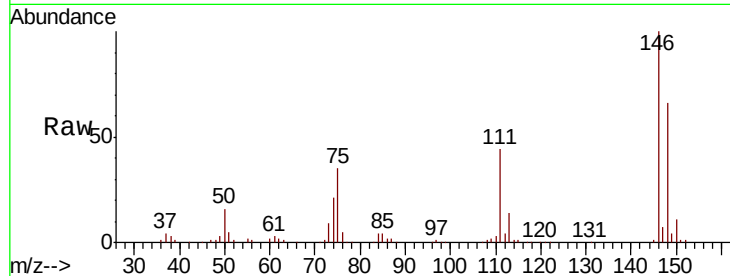




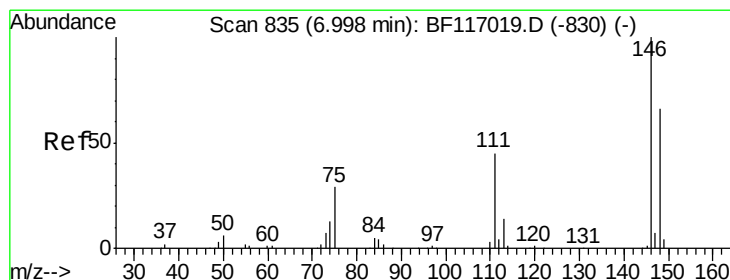
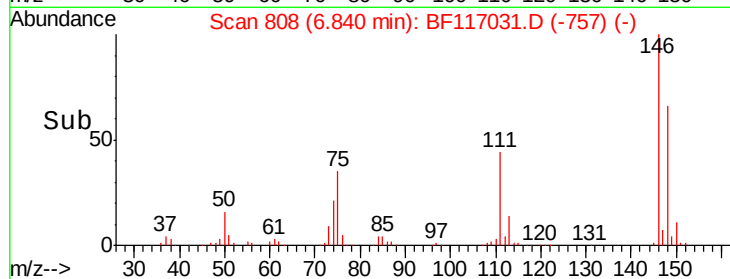
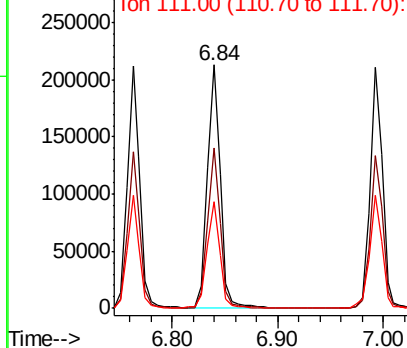
#13
 1,4-Dichlorobenzene
 Concen: 34.531 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 183019
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.6 76.0
 111 44.0 35.0 52.6

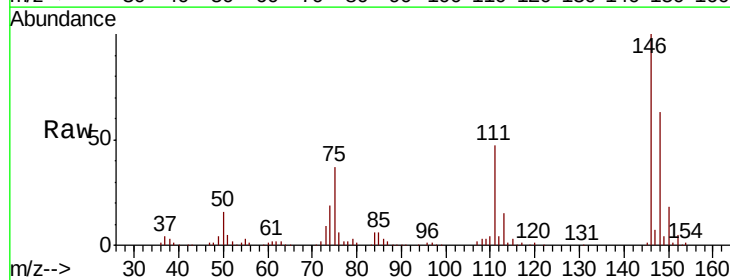


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

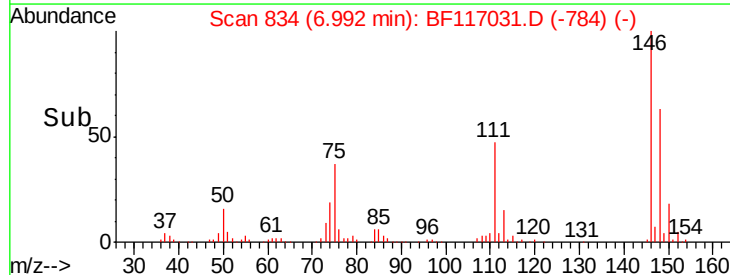
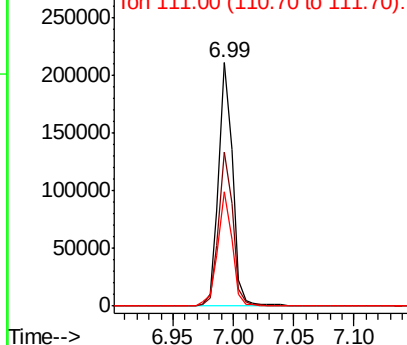


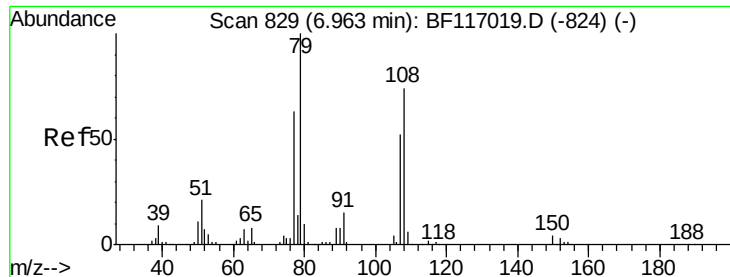
#14
 1,2-Dichlorobenzene
 Concen: 34.266 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Tgt Ion:146 Resp: 169090
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.6 78.8
 111 47.0 36.2 54.2



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





#15

Benzyl Alcohol

Concen: 36.696 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Instrument :

BNA_F

ClientSampled :

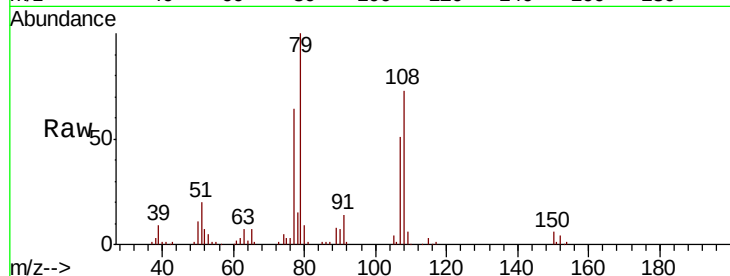
Tot Ion: 79 Resp: 156025

Ion Ratio Lower Upper

79 100

108 73.5 59.4 89.0

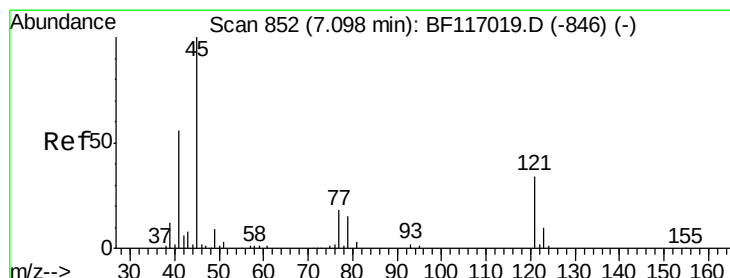
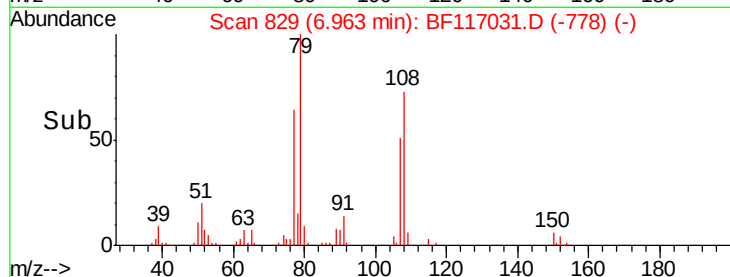
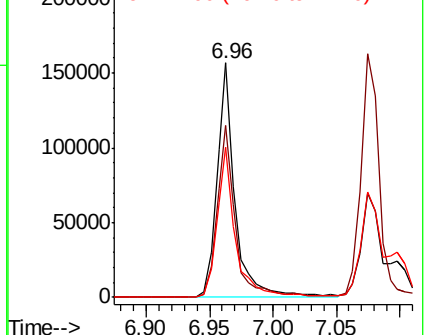
77 64.3 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.416 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

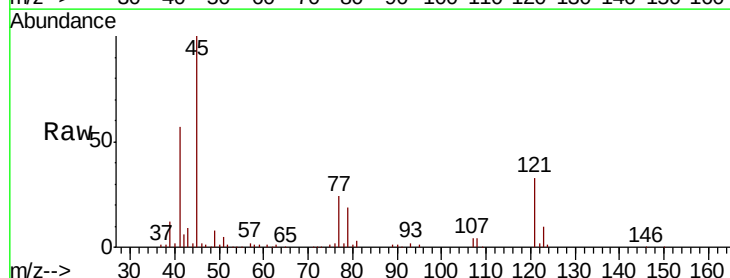
Tgt Ion: 45 Resp: 152748

Ion Ratio Lower Upper

45 100

77 23.5 2.7 42.7

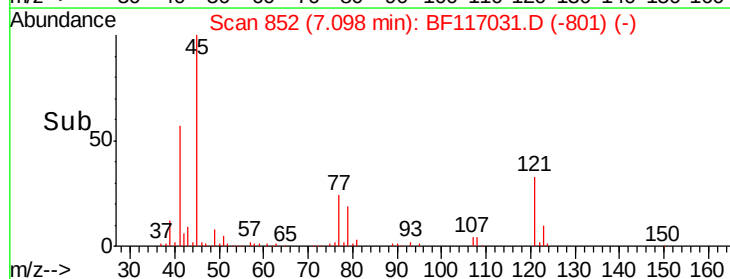
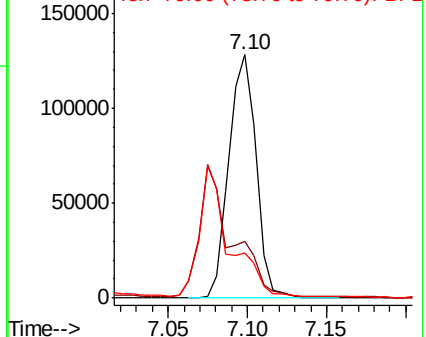
79 18.6 0.0 38.9

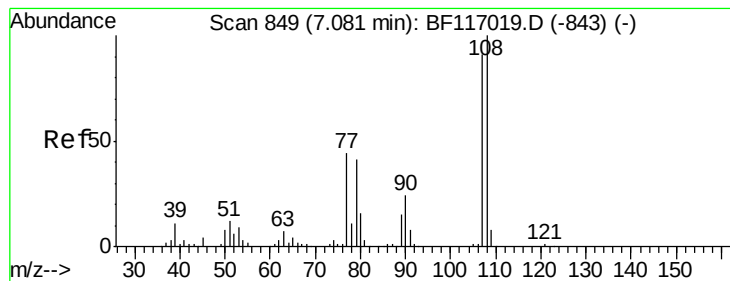


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

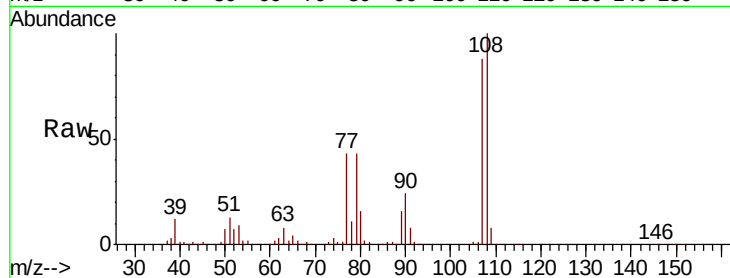




#17
2-Methylphenol
Concen: 36.925 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.5	87.7	131.5
77	48.9	38.6	58.0
79	48.7	36.8	55.2



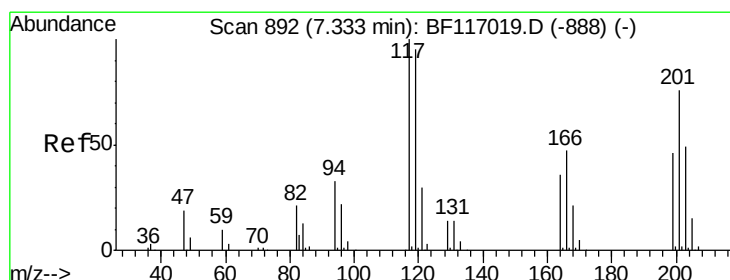
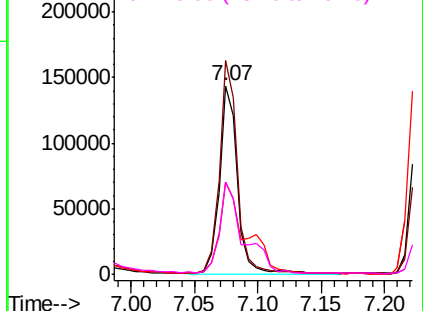
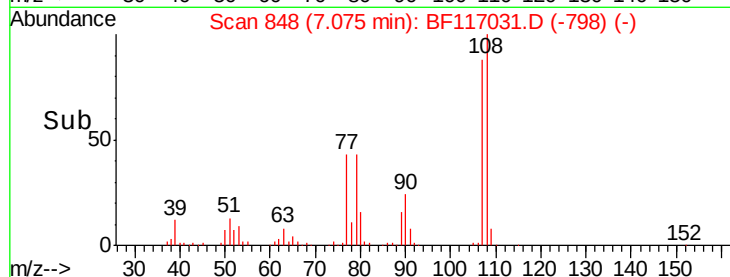
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

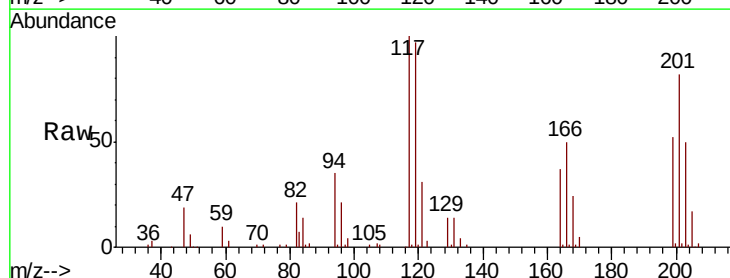
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 34.207 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.8	113.8
201	81.9	60.9	91.3

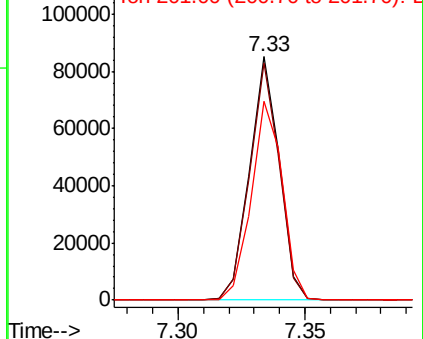
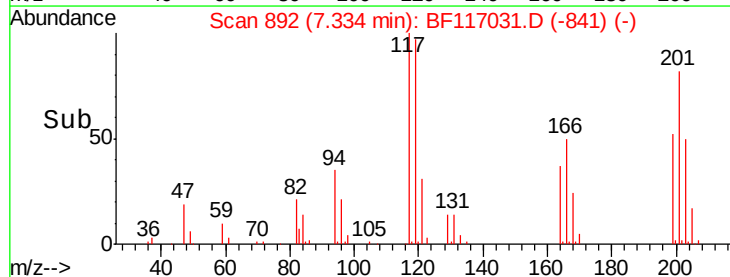


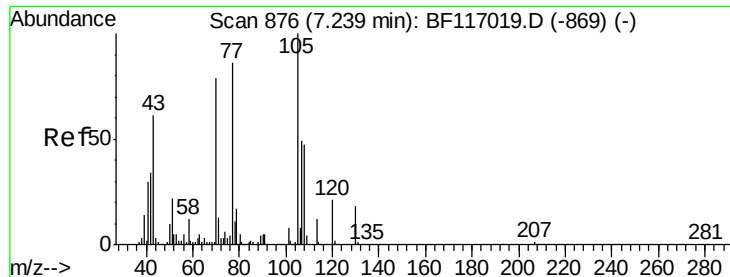
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.560 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 123434

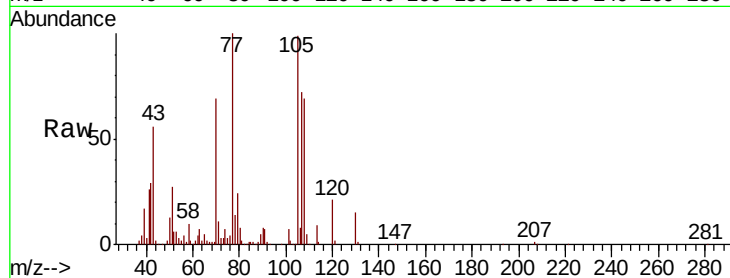
Ion Ratio Lower Upper

70 100

42 42.5 34.0 51.0

101 10.0 7.8 11.6

130 21.3 17.8 26.8



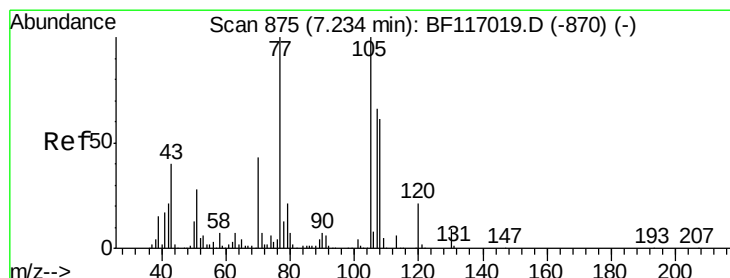
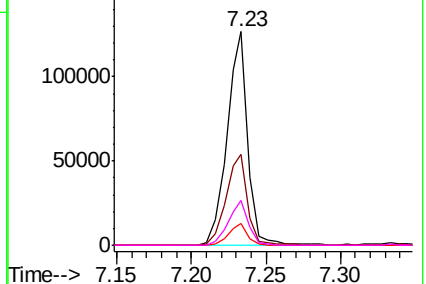
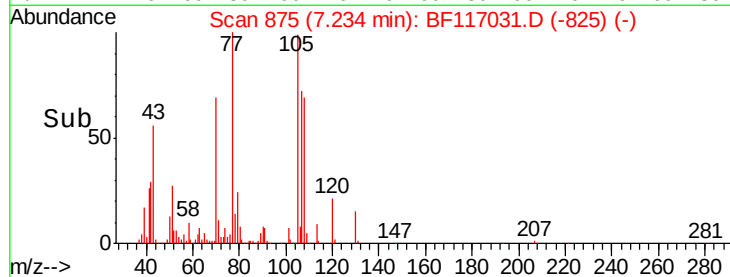
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 37.281 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Tgt Ion: 107 Resp: 180130

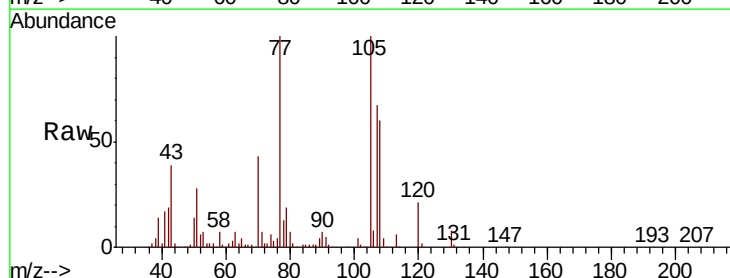
Ion Ratio Lower Upper

107 100

108 88.4 72.6 112.6

77 148.1 132.1 172.1

79 28.9 12.1 52.1



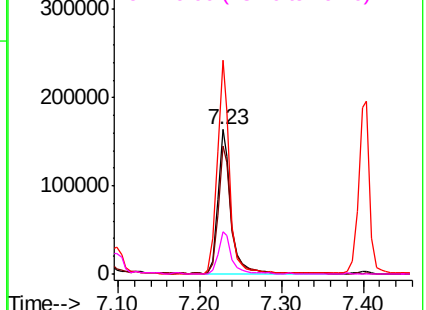
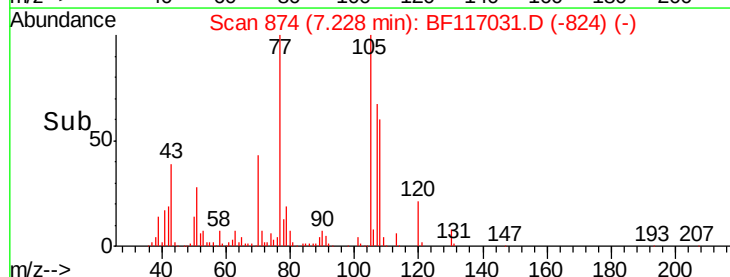
Abundance

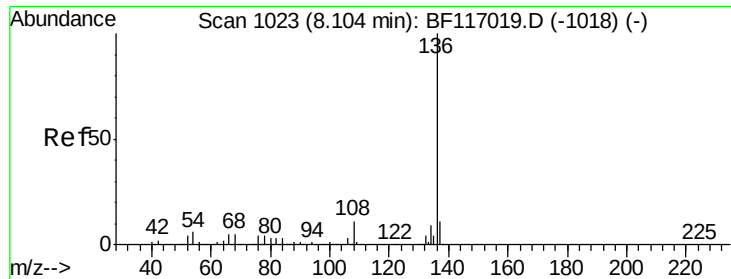
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

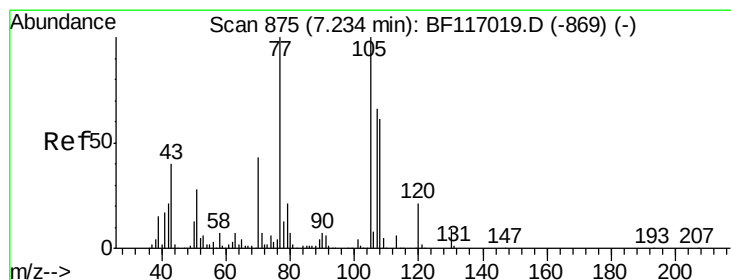
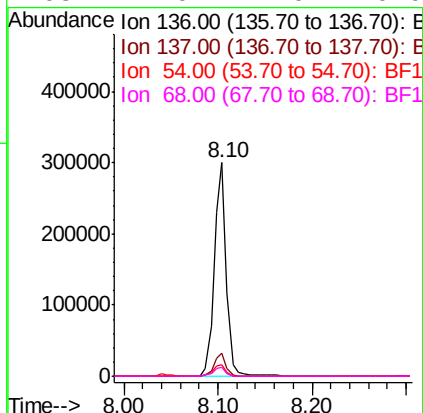
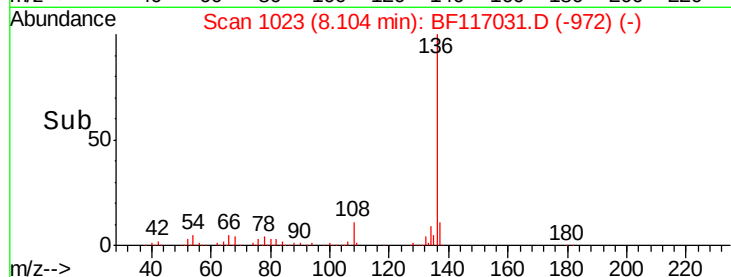
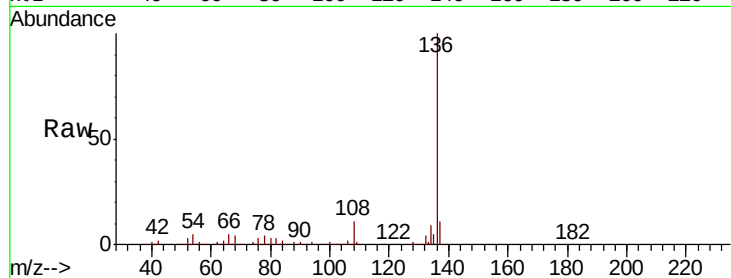




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

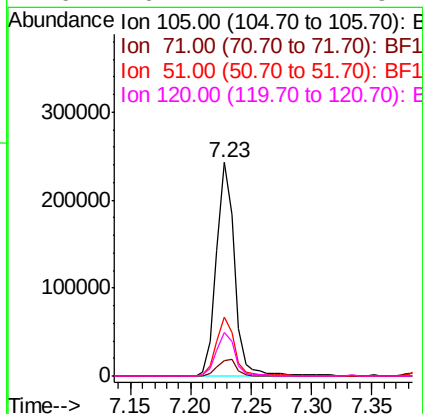
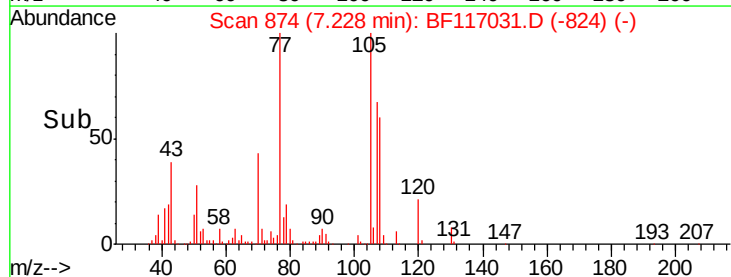
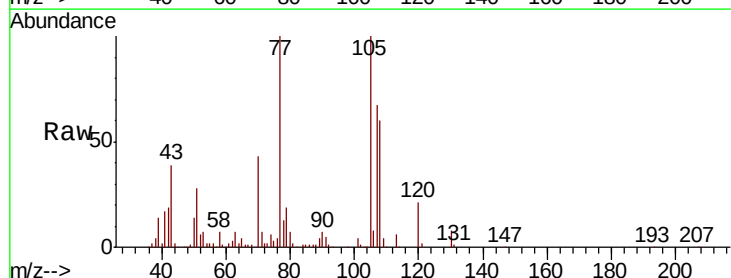
Instrument :
BNA_F
ClientSampleId :

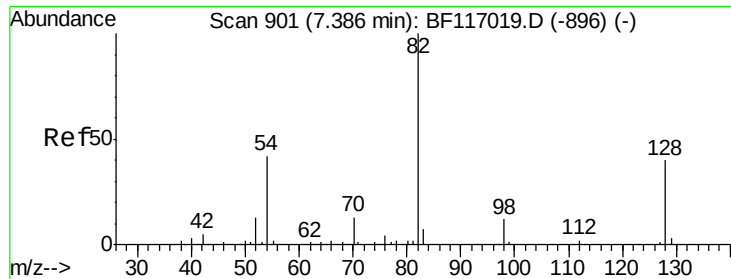
Tot Ion:136	Resp:	270953
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.0 13.4
54	5.1	4.5 6.7
68	4.0	4.0 6.0#



#22
Acetophenone
Concen: 36.270 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion:105	Resp:	249686
Ion Ratio	Lower	Upper
105	100	
71	7.2	5.7 8.5
51	27.6	22.1 33.1
120	20.7	17.1 25.7

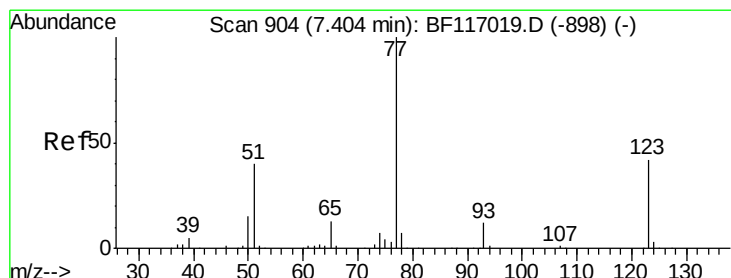
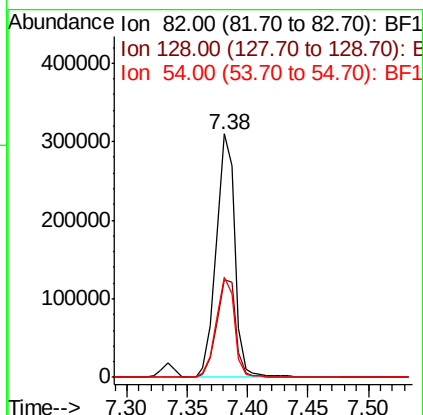
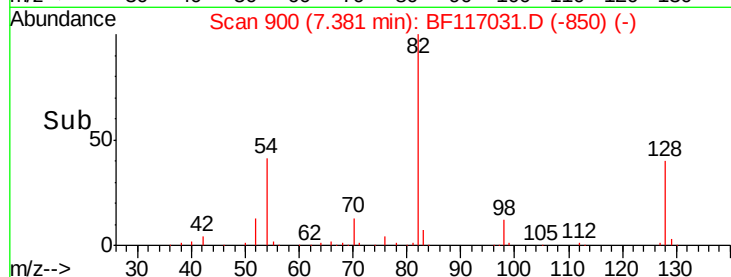
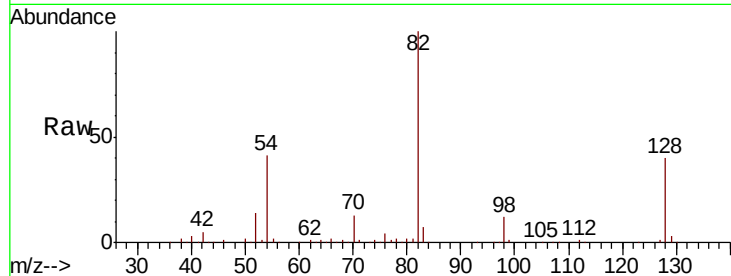




#23
Nitrobenzene-d5
Concen: 63.593 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

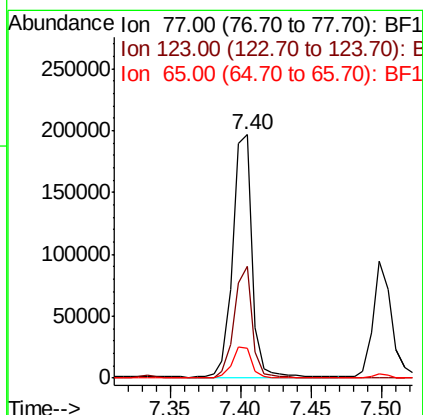
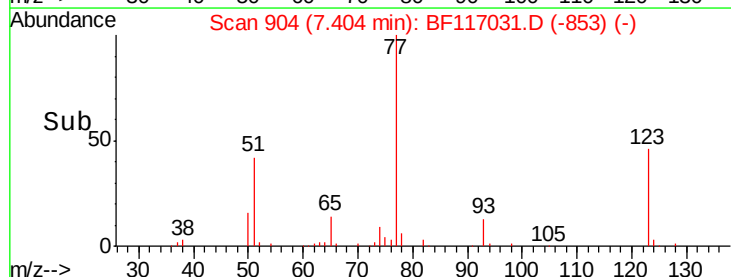
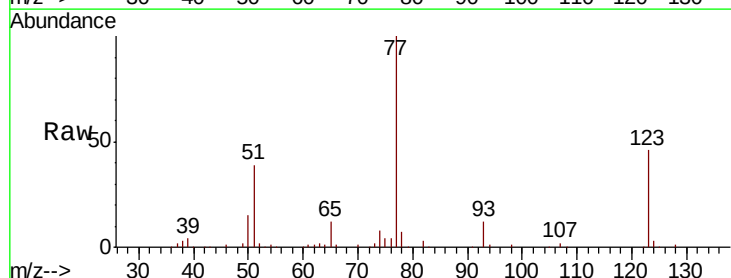
Instrument :
BNA_F
ClientSampleId :

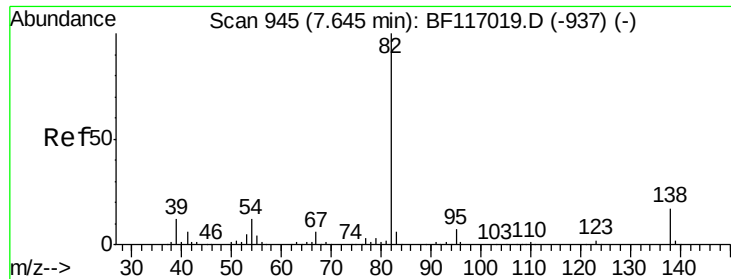
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.3	48.5
54	41.3	33.3	49.9



#24
Nitrobenzene
Concen: 37.339 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	33.5	50.3
65	12.4	10.5	15.7





#25

Isophorone

Concen: 37.055 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Instrument :

BNA_F

ClientSampleId :

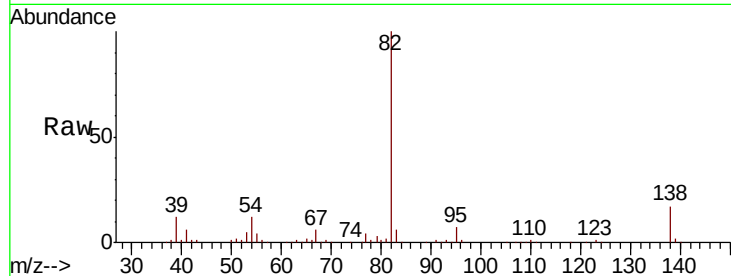
Tot Ion: 82 Resp: 338339

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.6

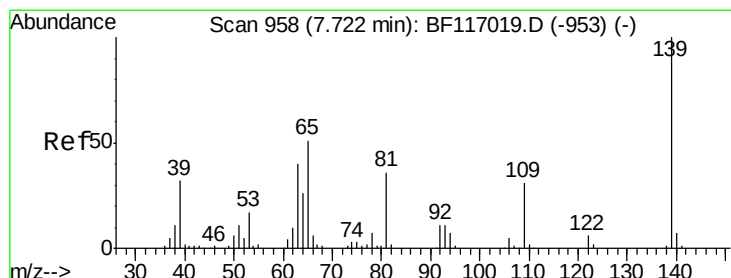
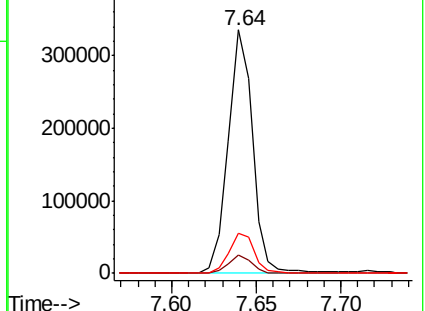
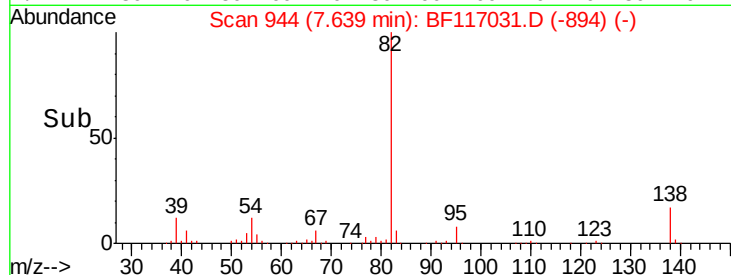
138 16.7 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.004 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

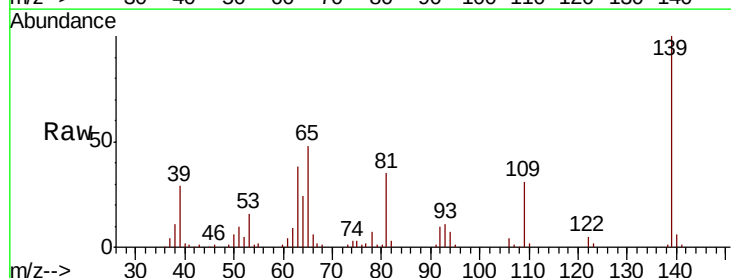
Tgt Ion: 139 Resp: 87507

Ion Ratio Lower Upper

139 100

109 30.8 24.6 36.8

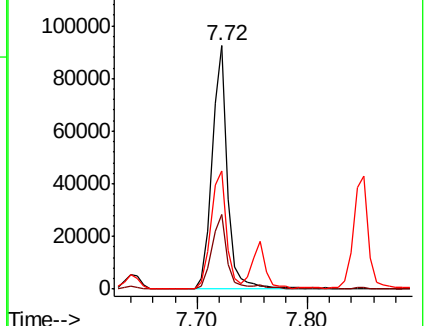
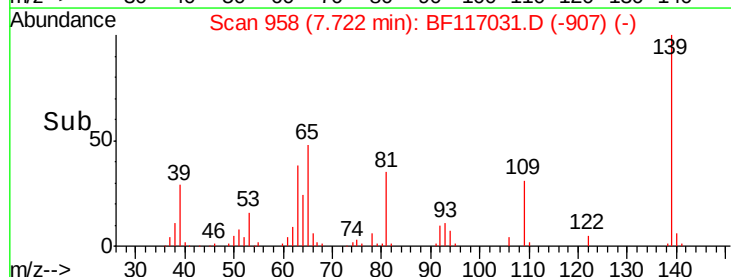
65 48.3 40.9 61.3

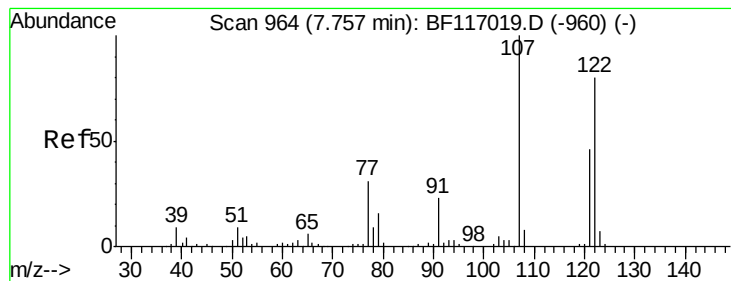


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 42.662 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Instrument :

BNA_F

ClientSampled :

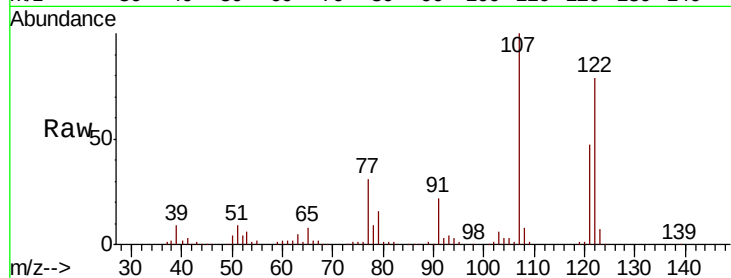
Tot Ion:122 Resp: 147988

Ion Ratio Lower Upper

122 100

107 126.5 98.9 148.3

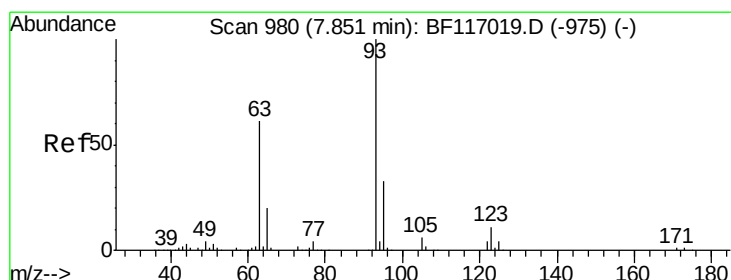
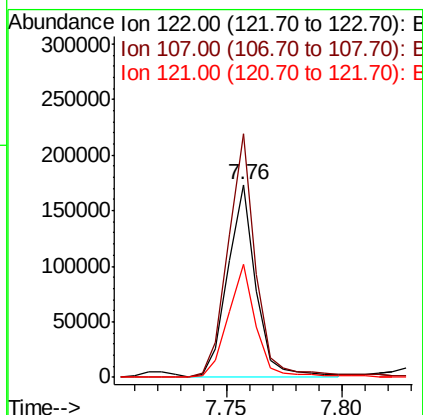
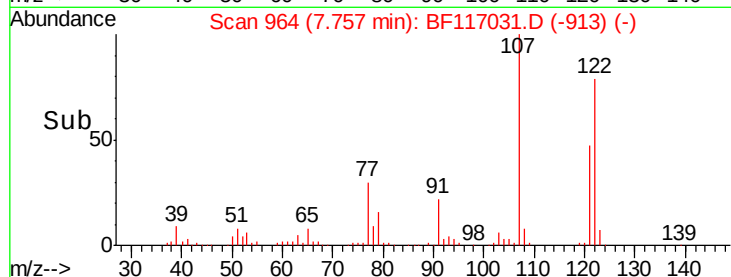
121 58.8 45.3 67.9



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: 36.174 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

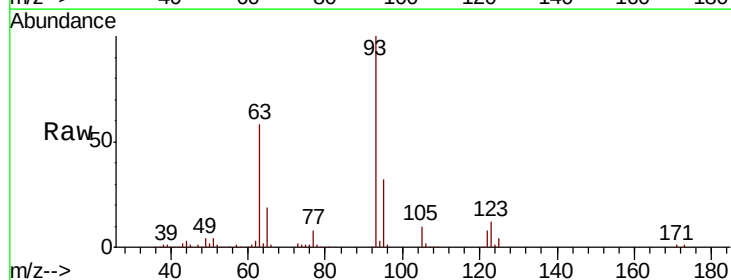
Tgt Ion: 93 Resp: 203496

Ion Ratio Lower Upper

93 100

95 32.1 26.2 39.4

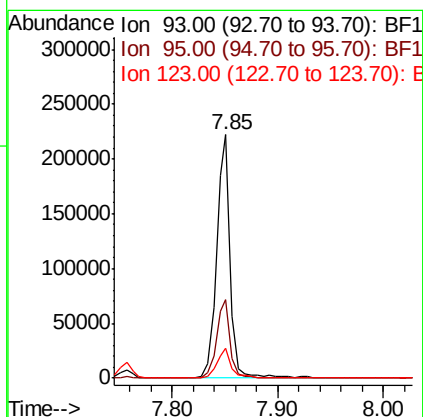
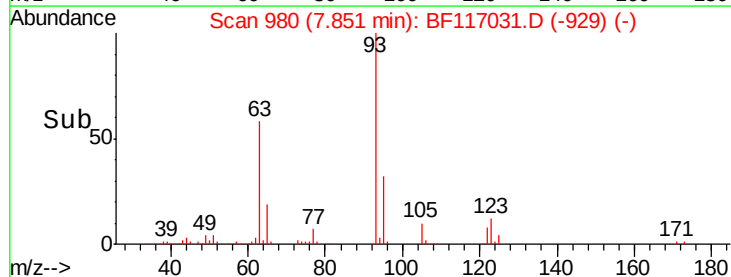
123 12.0 9.0 13.6

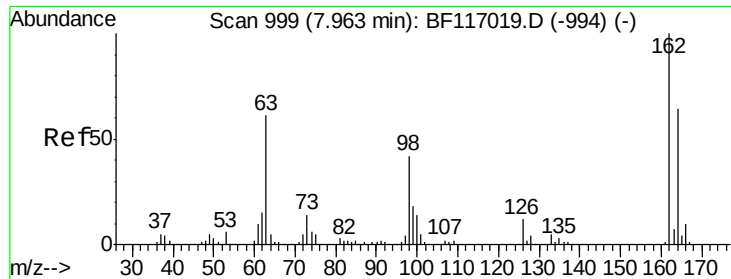


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

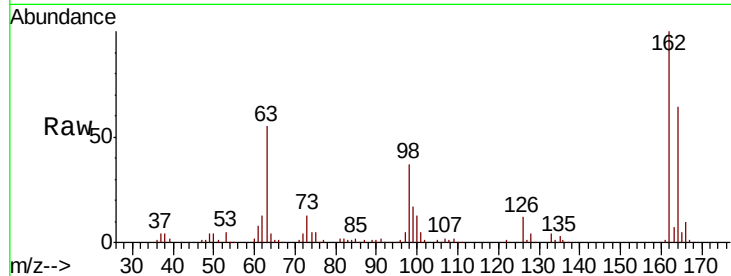




#29
 2,4-Dichlorophenol
 Concen: 38.210 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.8	83.8
98	37.4	22.1	62.1

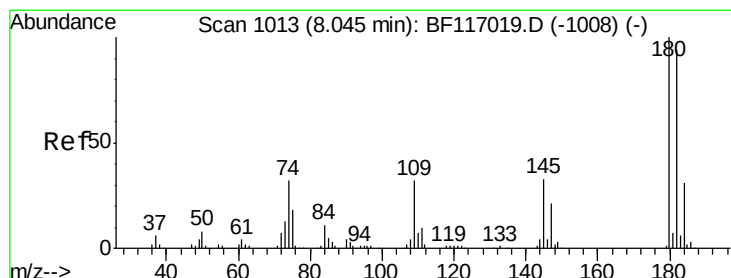
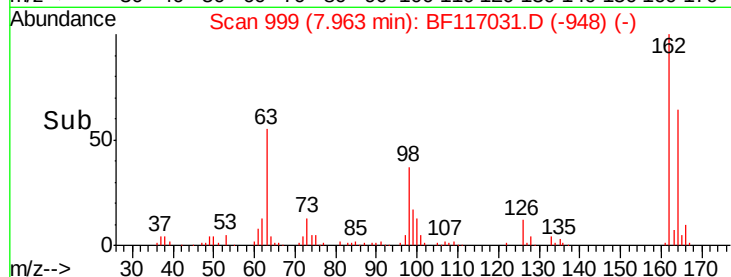
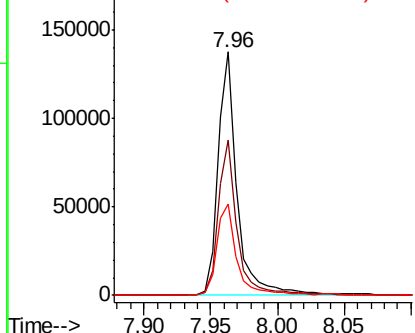


Abundance

Ion 162.00 (161.70 to 162.70): E

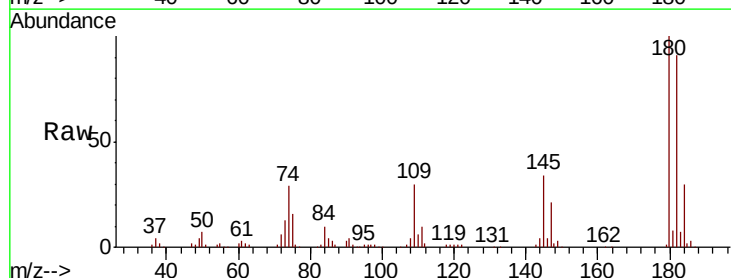
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 35.286 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	75.4	113.0
145	34.1	26.7	40.1

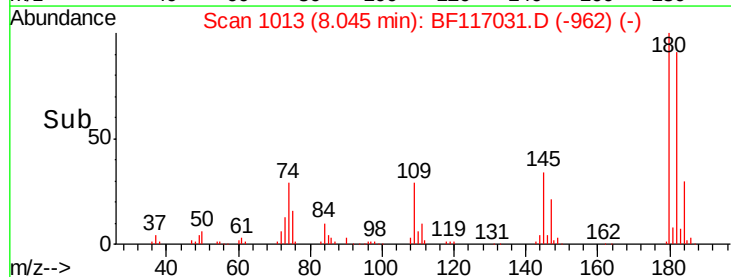
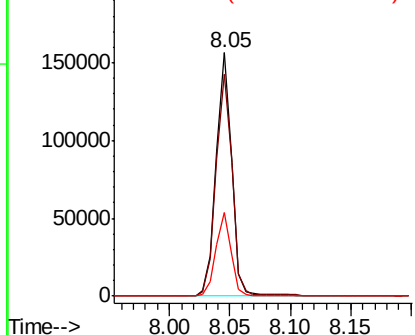


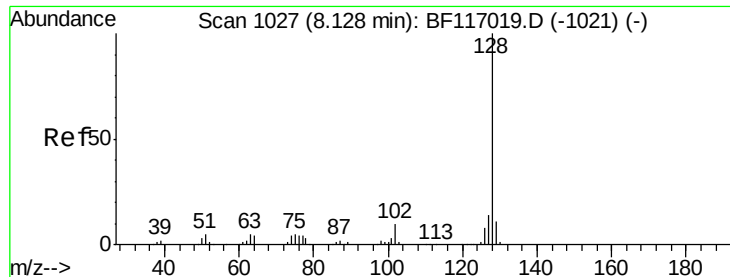
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

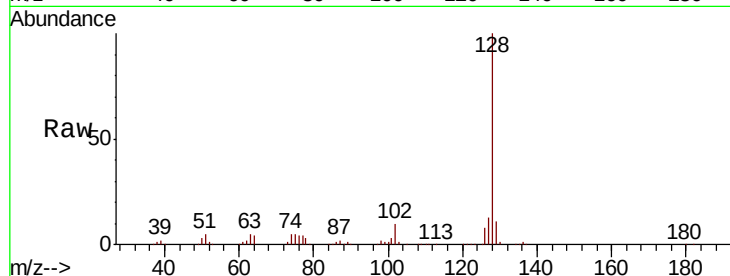




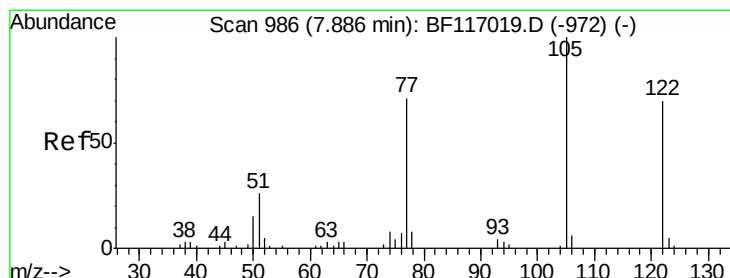
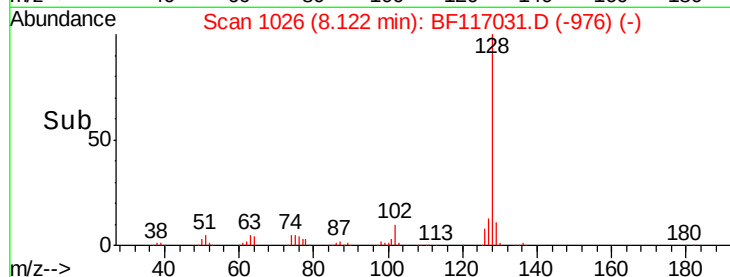
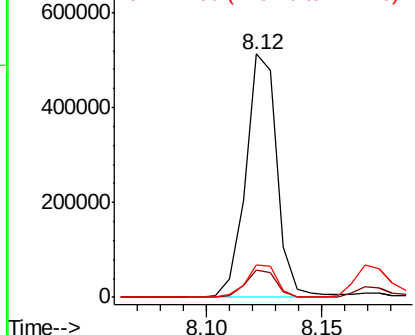
#31
Naphthalene
Concen: 37.276 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 485746
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.3 10.8 16.2

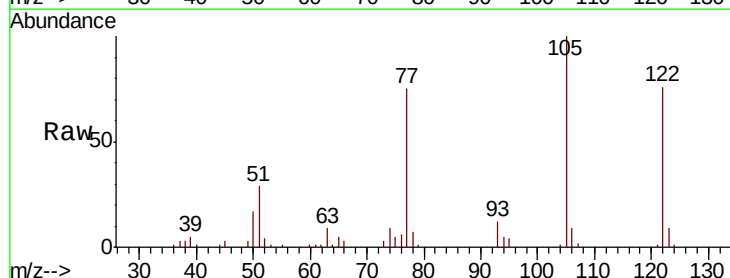


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

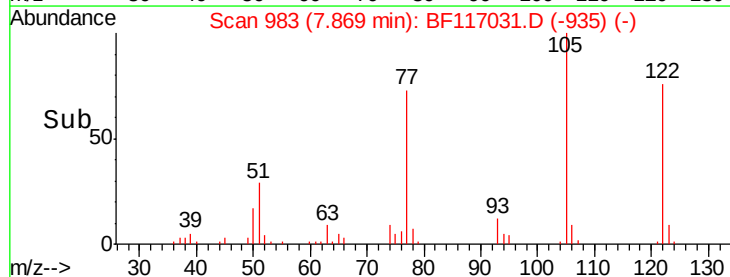
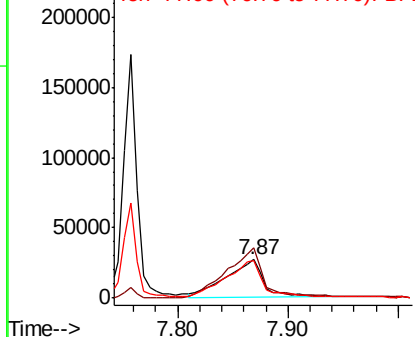


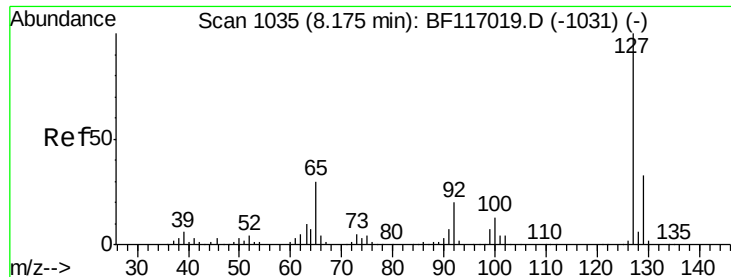
#32
Benzoic acid
Concen: 27.577 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion:122 Resp: 63712
Ion Ratio Lower Upper
122 100
105 131.0 114.8 154.8
77 98.0 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

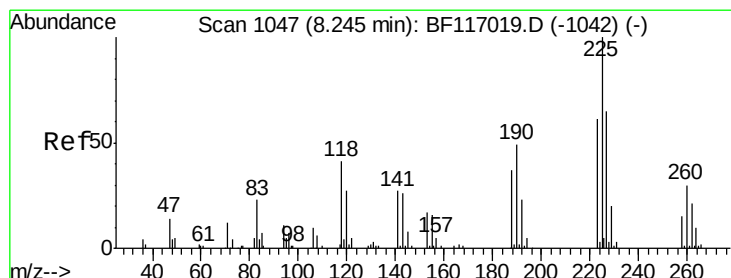
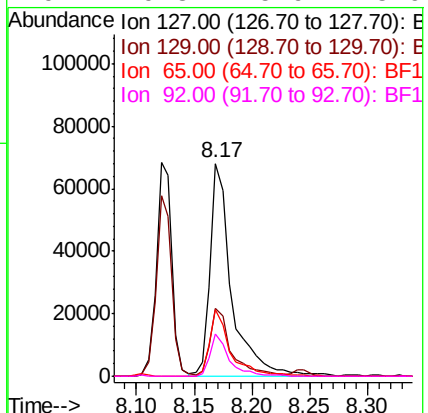
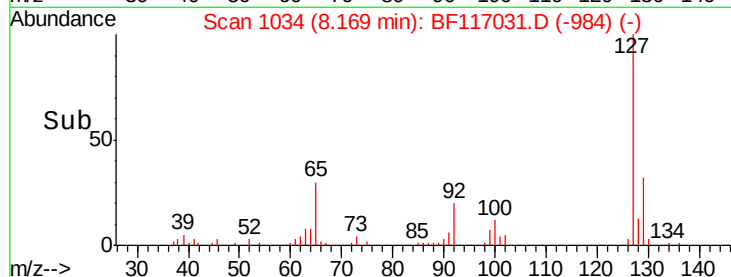
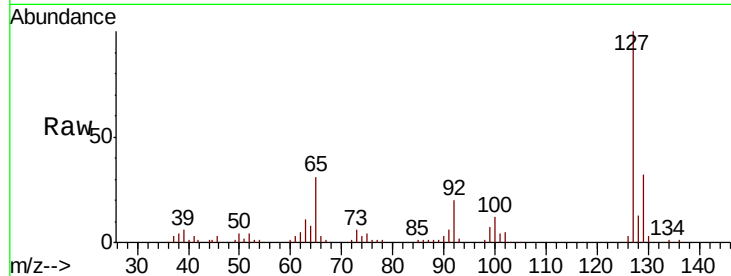




#33
4-Chloroaniline
Concen: 15.343 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

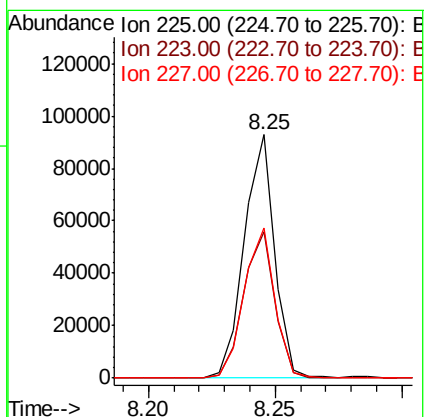
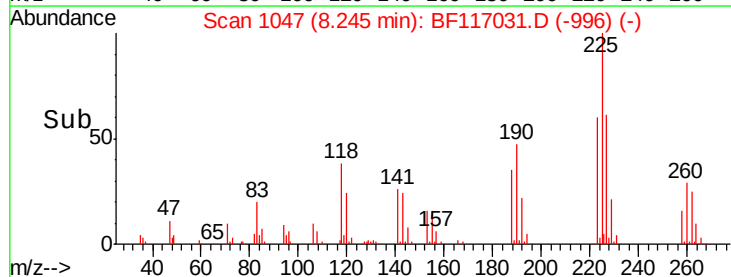
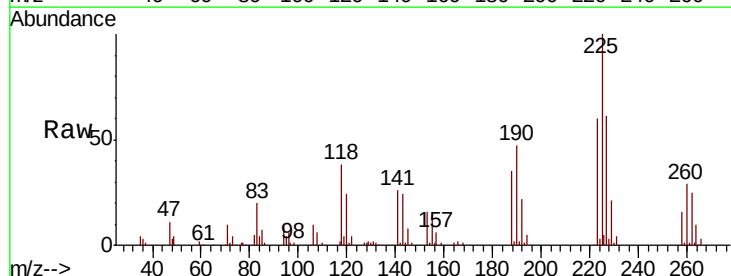
Instrument :
BNA_F
ClientSampled :

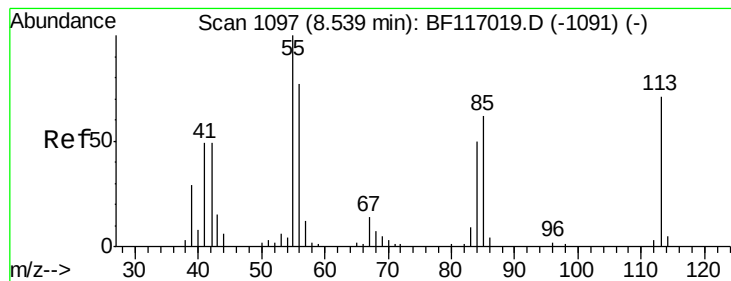
Tot Ion:127	Resp:	88679
Ion Ratio	Lower	Upper
127	100	
129	32.2	26.2 39.2
65	31.5	23.5 35.3
92	19.8	15.9 23.9



#34
Hexachlorobutadiene
Concen: 34.667 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion:225	Resp:	77235
Ion Ratio	Lower	Upper
225	100	
223	60.2	49.1 73.7
227	61.5	52.2 78.2





#35

Caprolactam

Concen: 21.803 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Instrument :

BNA_F

ClientSampleId :

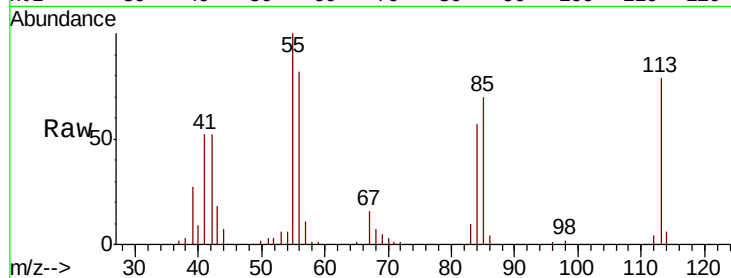
Tot Ion:113 Resp: 26824

Ion Ratio Lower Upper

113 100

55 127.2 120.6 160.6

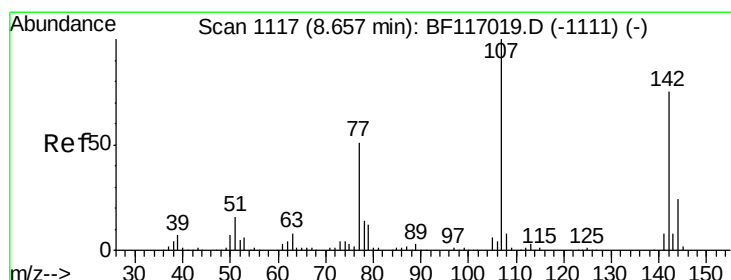
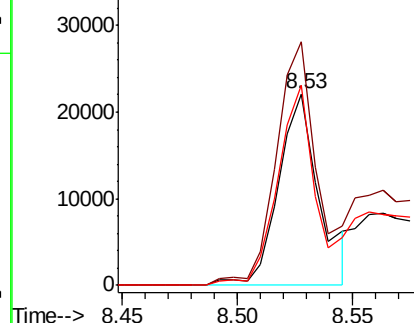
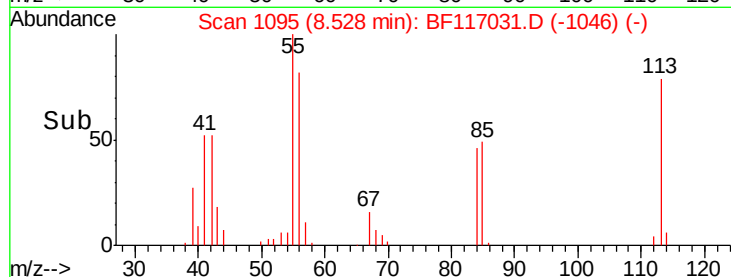
56 104.3 88.8 128.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.142 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

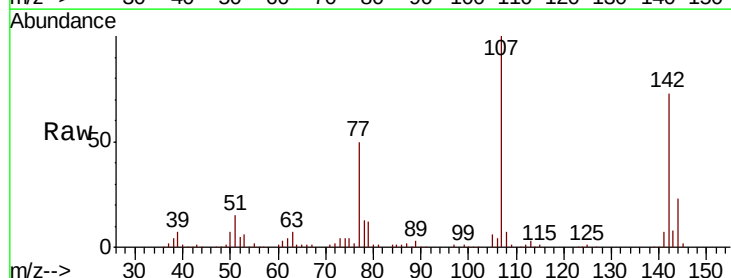
Tgt Ion:107 Resp: 165890

Ion Ratio Lower Upper

107 100

144 22.7 19.2 28.8

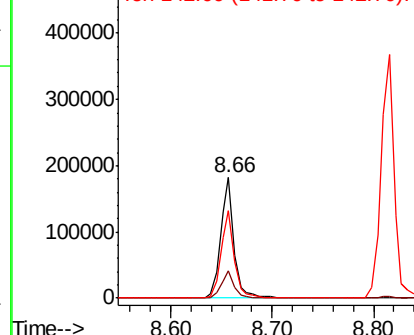
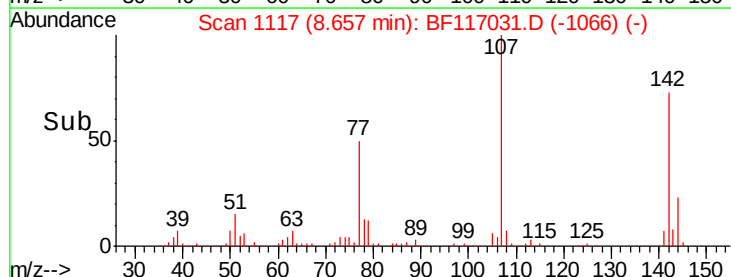
142 72.8 59.6 89.4

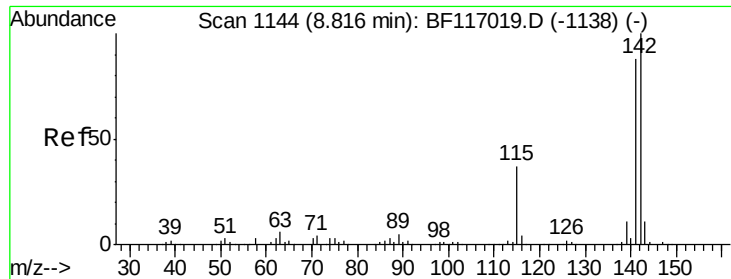


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

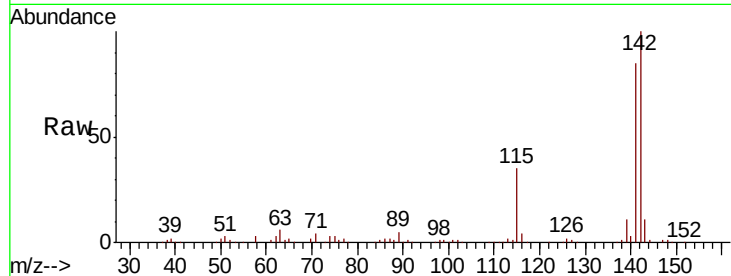




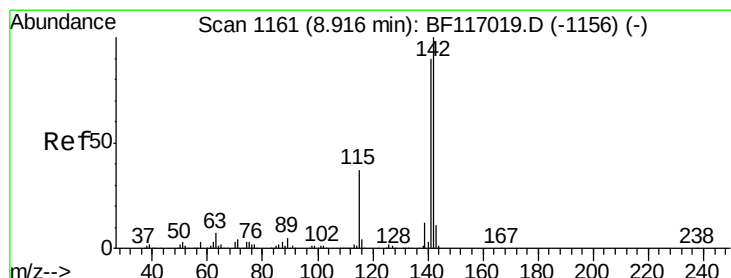
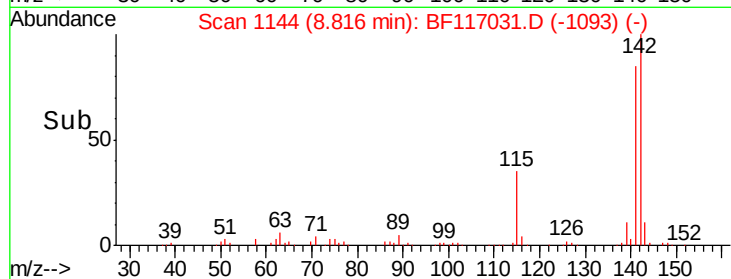
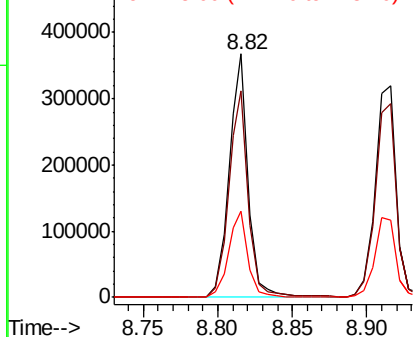
#37
2-Methylnaphthalene
Concen: 37.783 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 331545
Ion Ratio Lower Upper
142 100
141 85.0 70.7 106.1
115 35.4 29.4 44.0

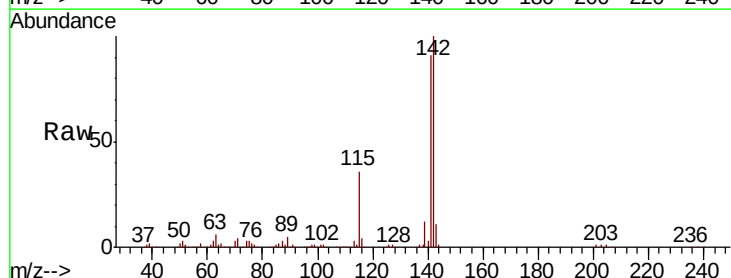


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

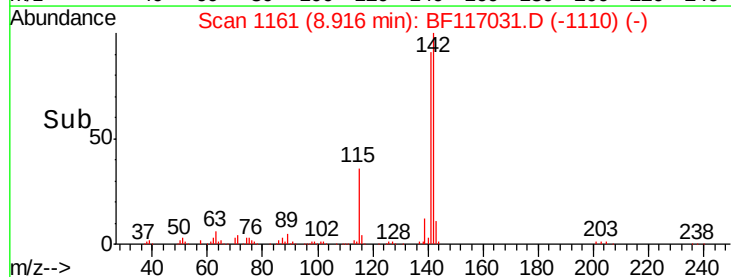
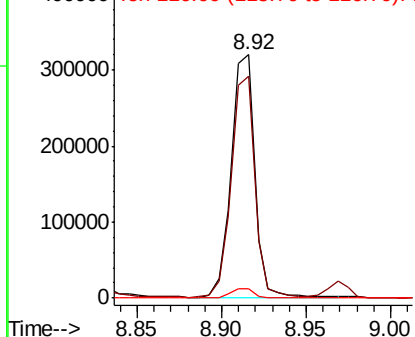


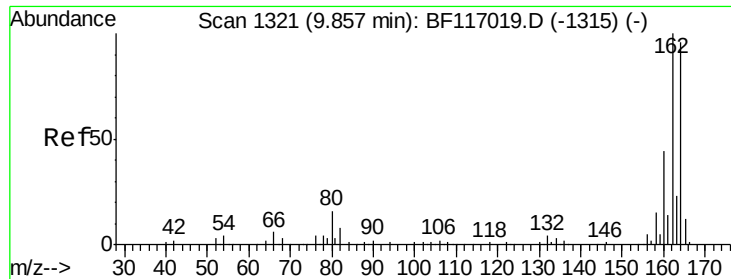
#38
1-Methylnaphthalene
Concen: 37.329 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion:142 Resp: 306793
Ion Ratio Lower Upper
142 100
141 91.2 71.9 107.9
116 3.9 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

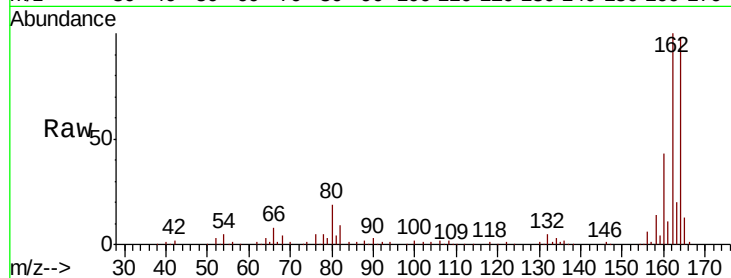




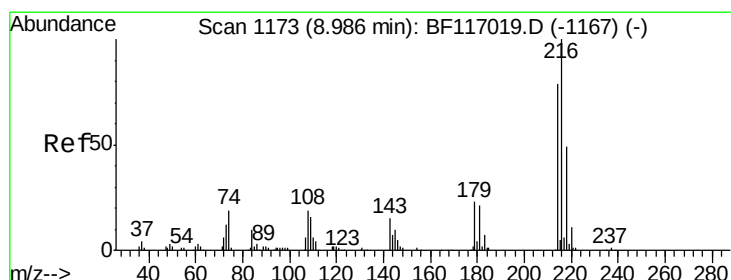
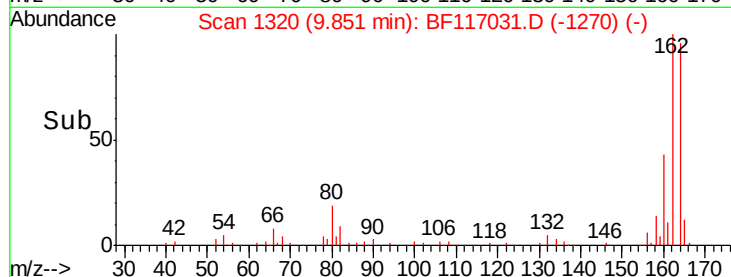
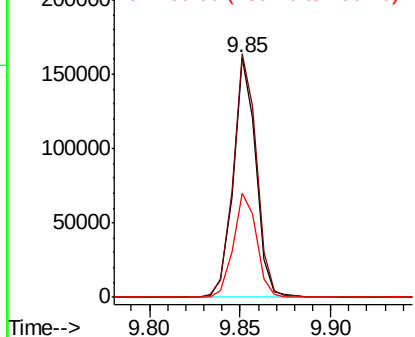
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 139473
Ion Ratio Lower Upper
164 100
162 101.6 83.4 125.2
160 43.6 36.4 54.6

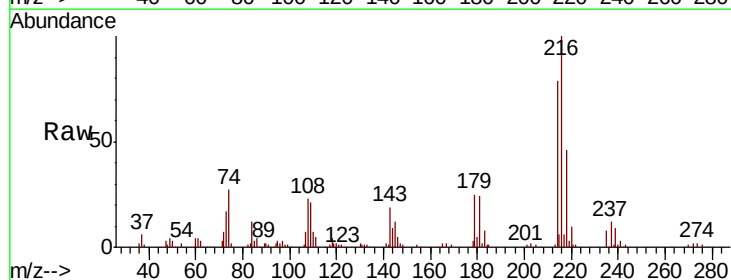


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

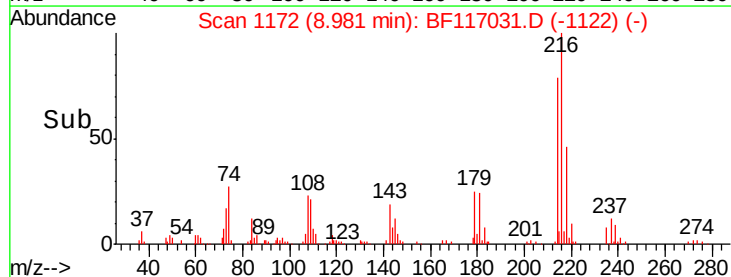
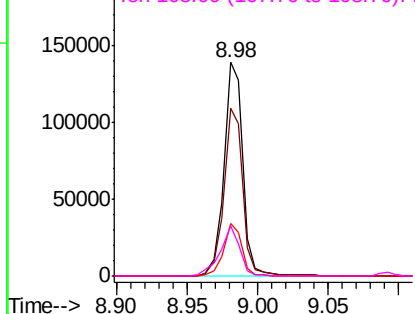


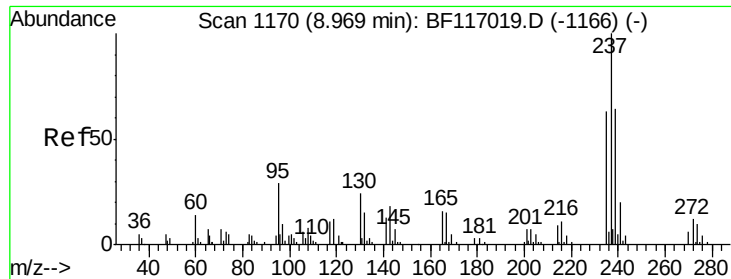
#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.724 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion:216 Resp: 128663
Ion Ratio Lower Upper
216 100
214 78.7 63.6 95.4
179 23.7 18.3 27.5
108 24.6 17.8 26.6



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

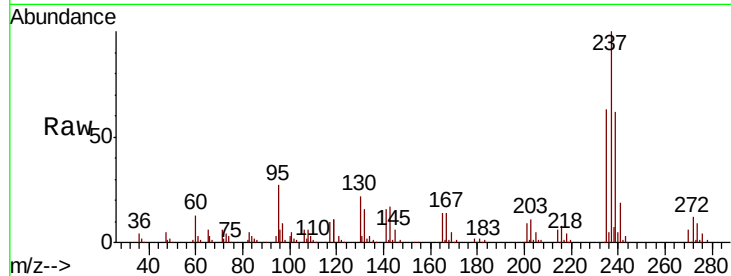




#41
Hexachlorocyclopentadiene
Concen: 77.739 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.2	83.2
272	12.3	0.0	31.9

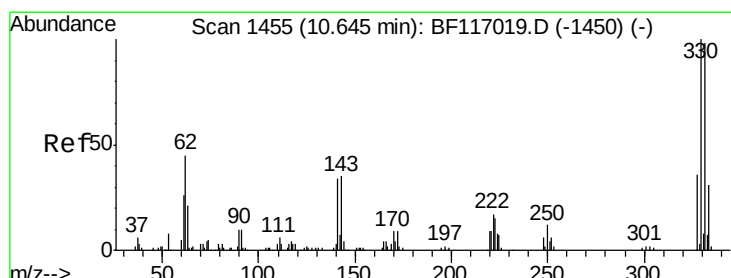
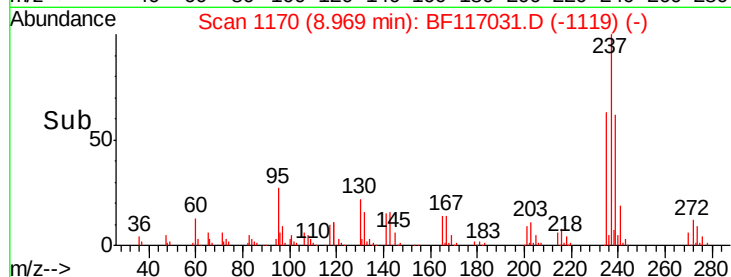
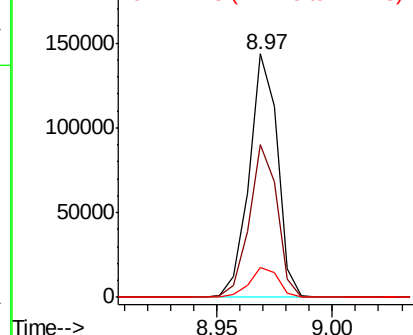


Abundance

Ion 236.80 (236.50 to 237.50): E

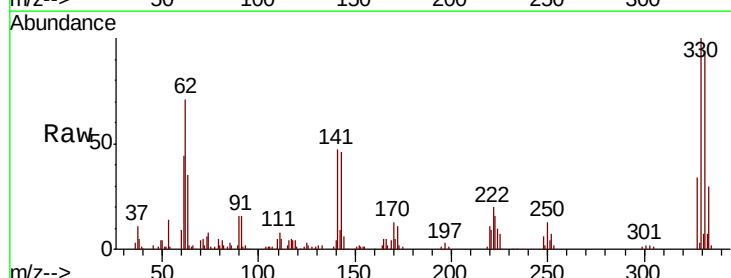
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 88.706 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.0	117.0
141	44.0	35.8	53.6

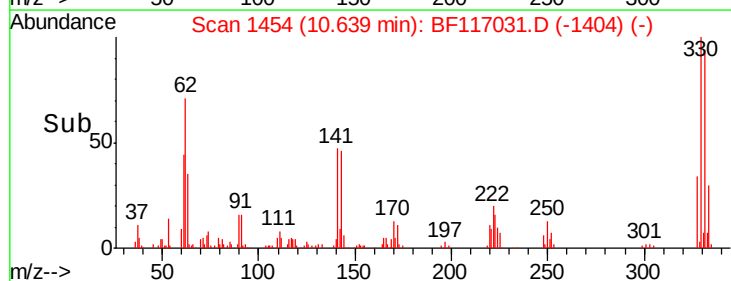
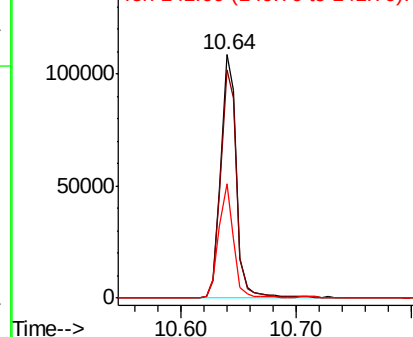


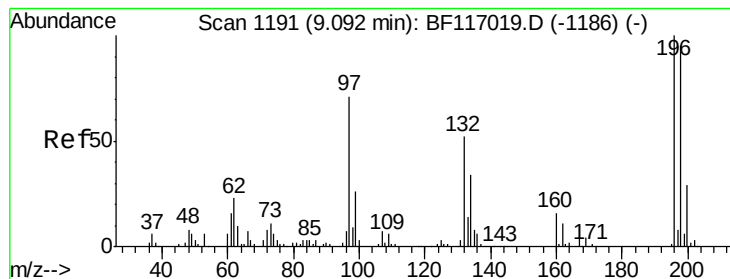
Abundance

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: 37.658 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Instrument :

BNA_F

ClientSampled :

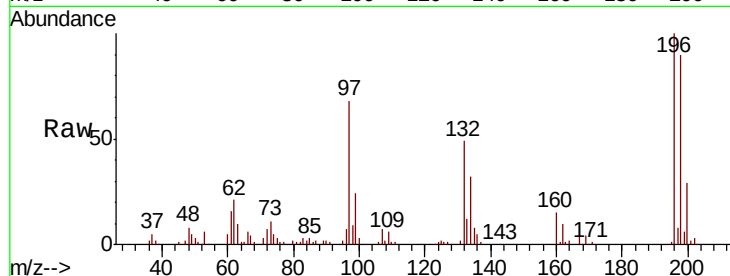
Tot Ion:196 Resp: 92041

Ion Ratio Lower Upper

196 100

198 90.4 75.7 113.5

200 28.9 23.3 34.9

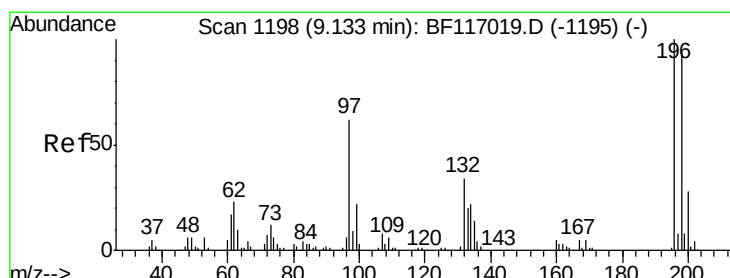
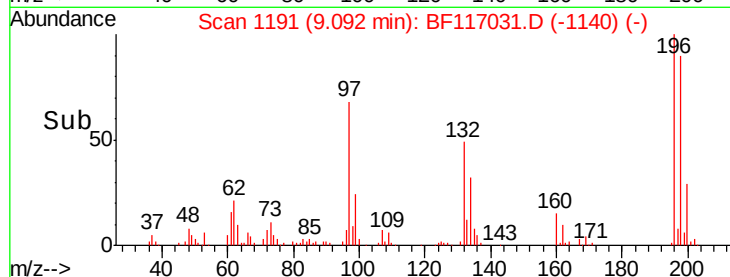
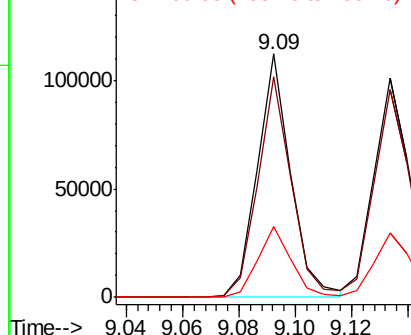


Abundance

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: 38.160 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Tgt Ion:196 Resp: 99648

Ion Ratio Lower Upper

196 100

198 94.7 74.6 112.0

97 59.7 49.5 74.3

132 32.2 27.4 41.2

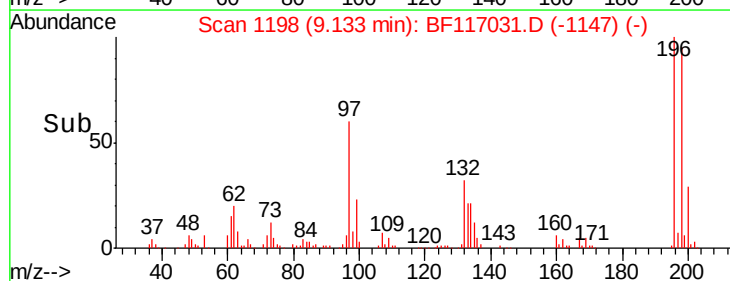
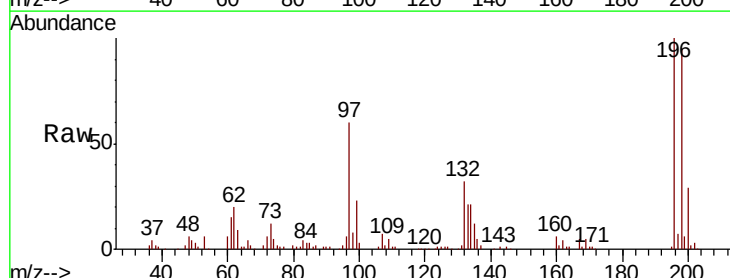
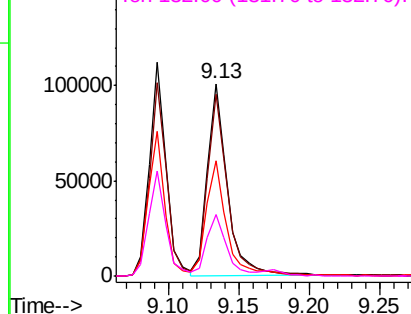
Abundance

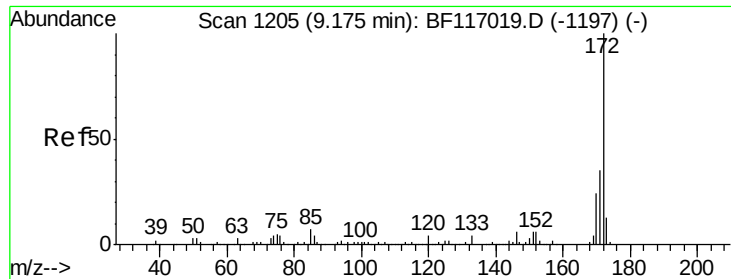
Ion 196.00 (195.70 to 196.70): E

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

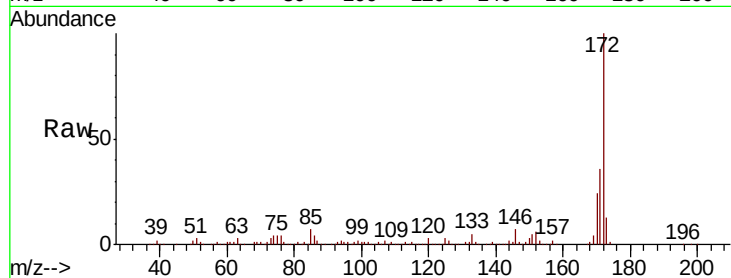




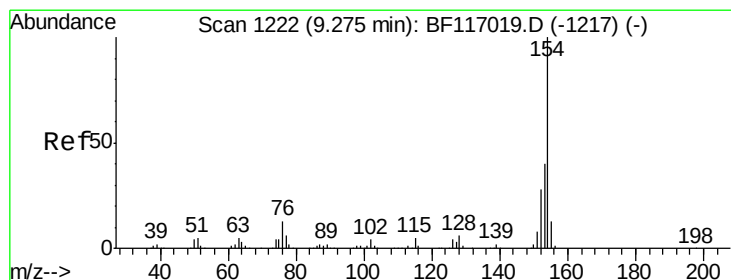
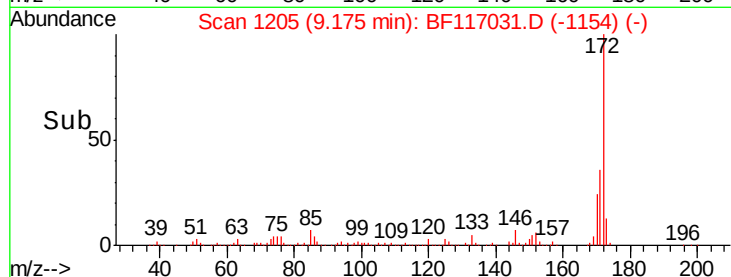
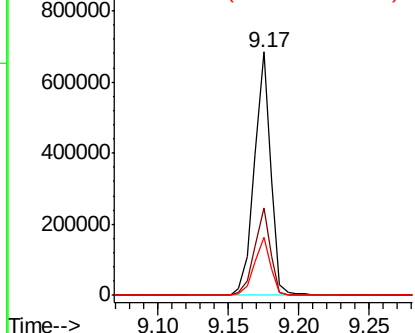
#45
2-Fluorobiphenyl
Concen: 62.737 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 559626
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 23.8 18.9 28.3

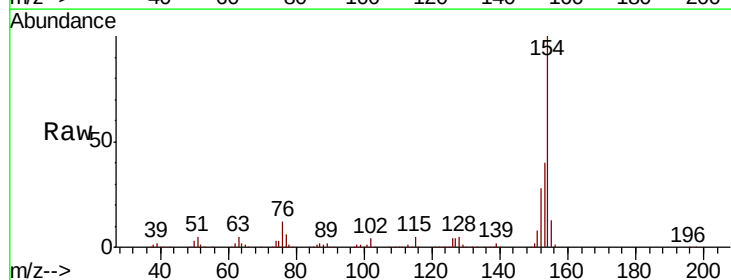


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

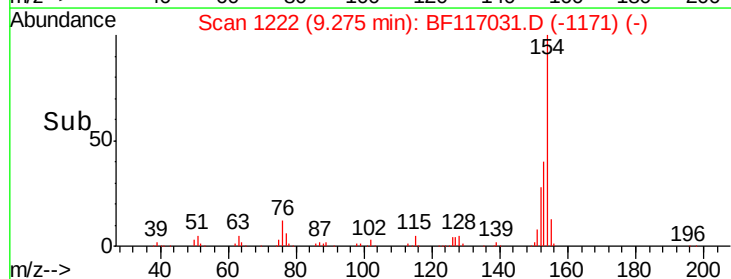
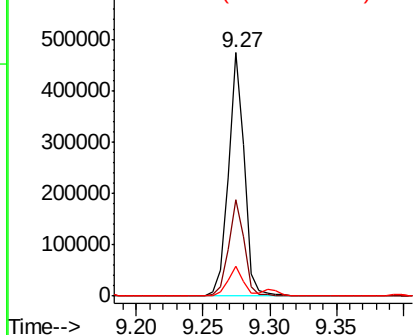


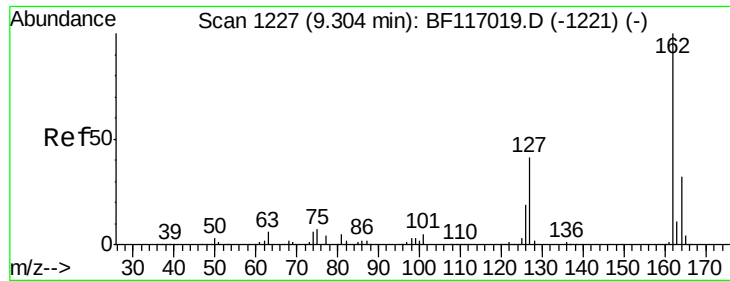
#46
1,1'-Biphenyl
Concen: 36.460 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion:154 Resp: 398878
Ion Ratio Lower Upper
154 100
153 39.7 20.0 60.0
76 12.0 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

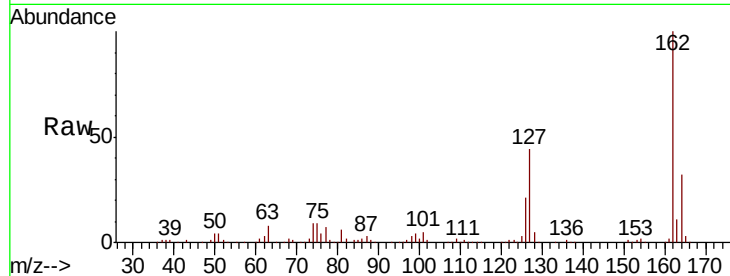




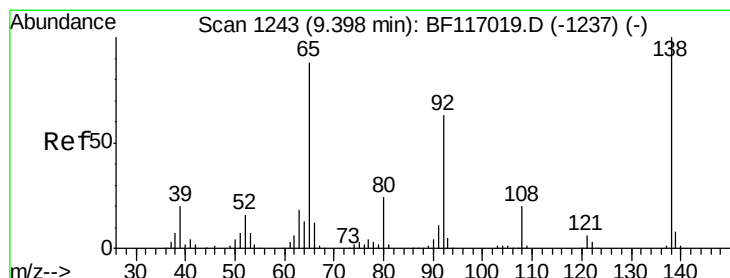
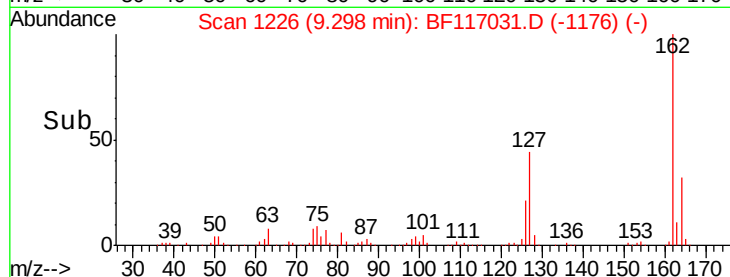
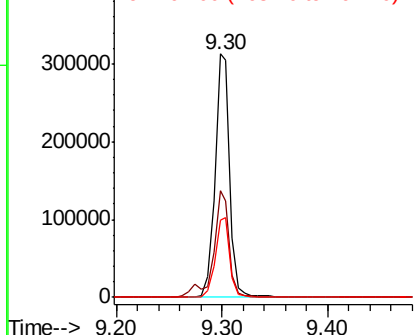
#47
 2-Chloronaphthalene
 Concen: 35.869 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.6	34.1	51.1
164	31.8	25.9	38.9

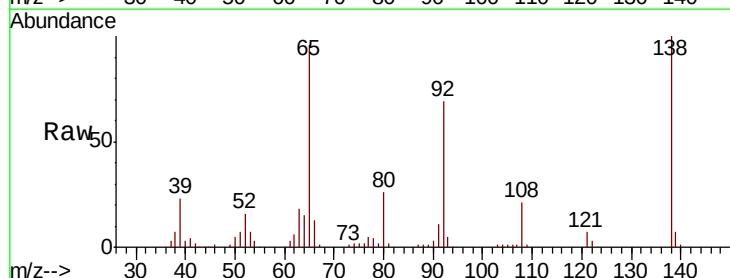


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

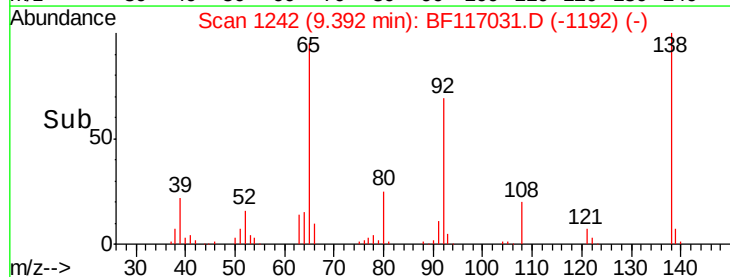
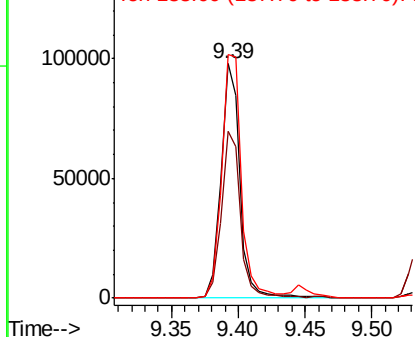


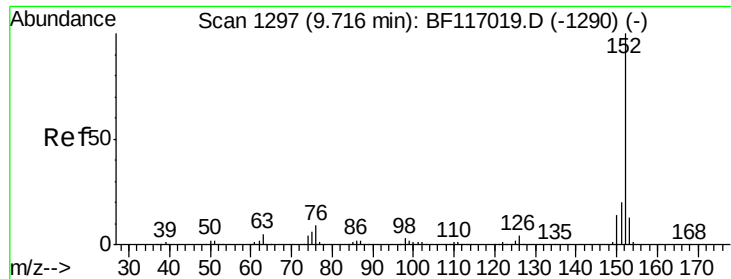
#48
 2-Nitroaniline
 Concen: 35.460 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.3	57.5	86.3
138	104.0	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: 38.289 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Instrument :

BNA_F

ClientSampleId :

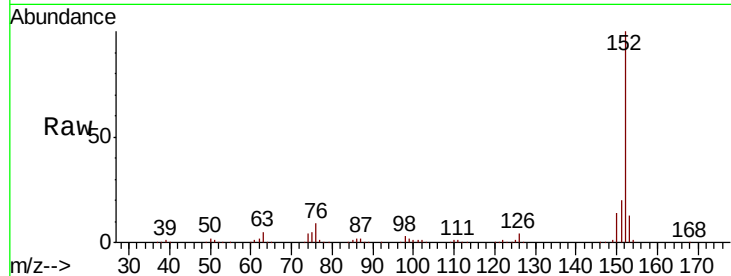
Tot Ion:152 Resp: 495243

Ion Ratio Lower Upper

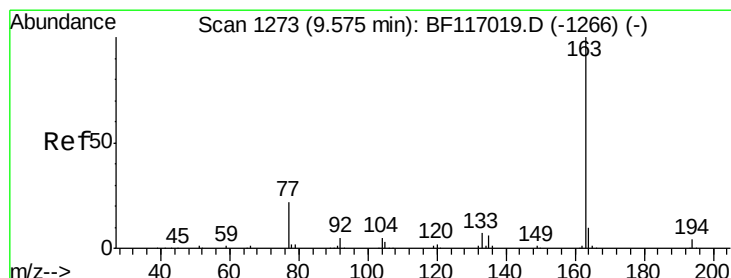
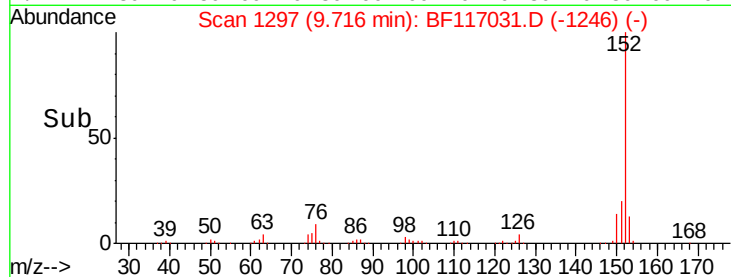
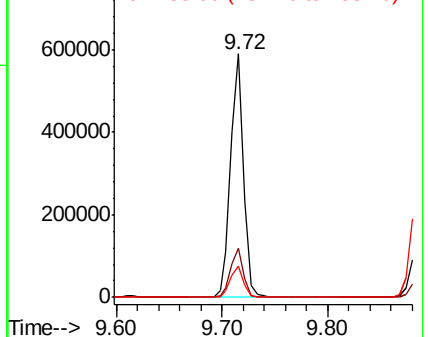
152 100

151 20.3 16.2 24.2

153 12.7 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.431 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

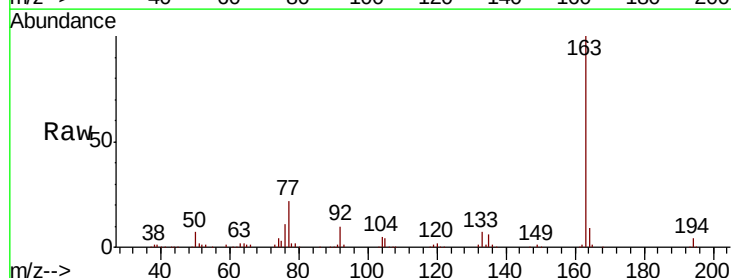
Tgt Ion:163 Resp: 428898

Ion Ratio Lower Upper

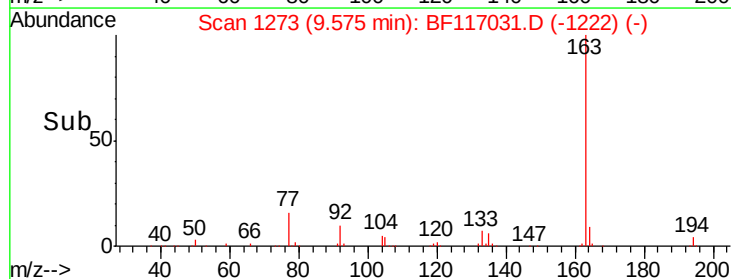
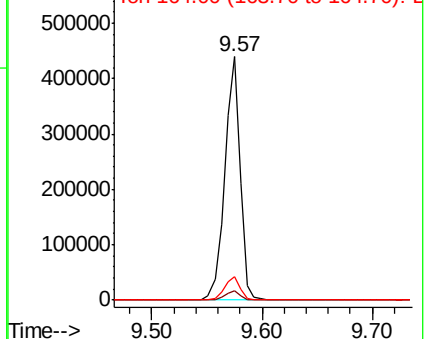
163 100

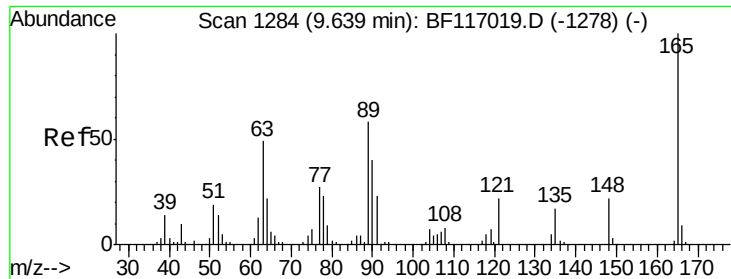
194 3.7 2.9 4.3

164 9.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

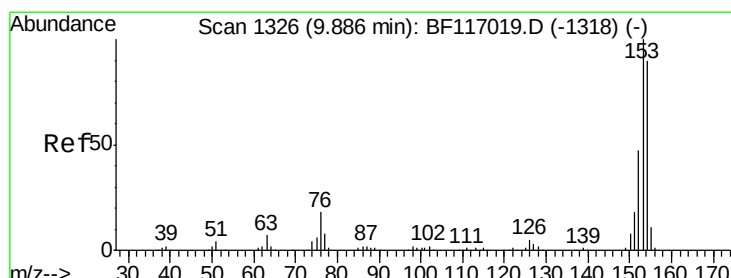
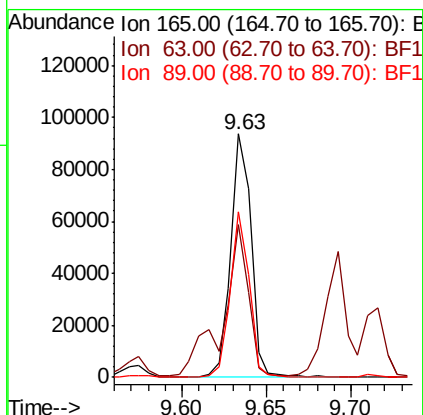
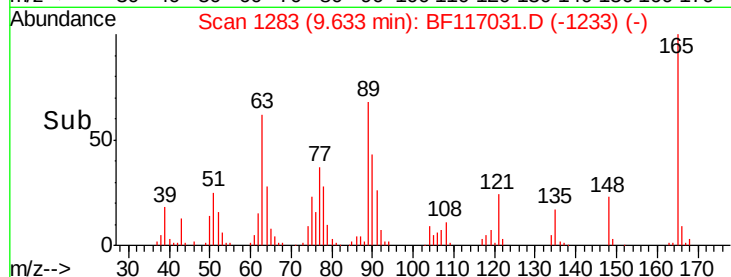
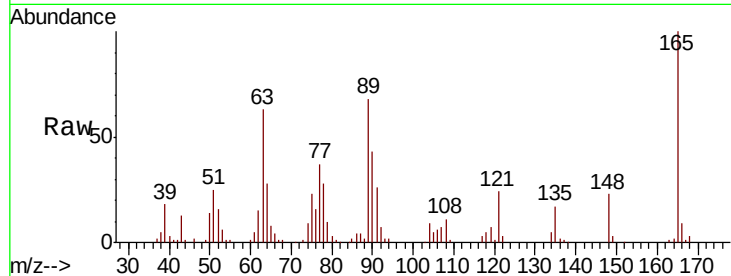




#51
 2,6-Dinitrotoluene
 Concen: 38.837 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

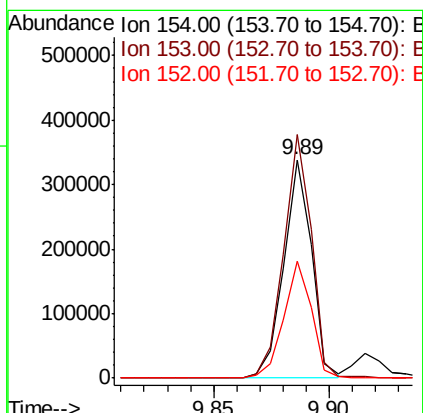
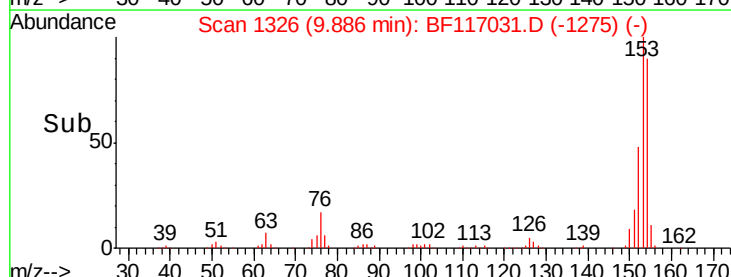
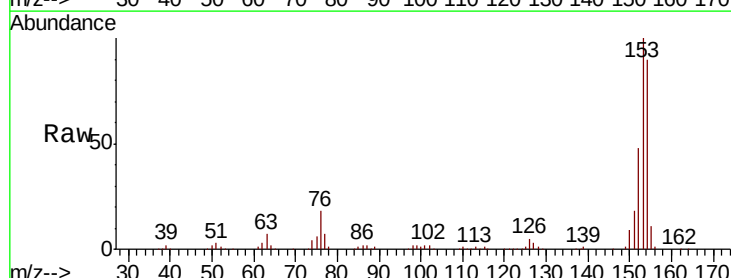
Instrument :
 BNA_F
 ClientSampleID :

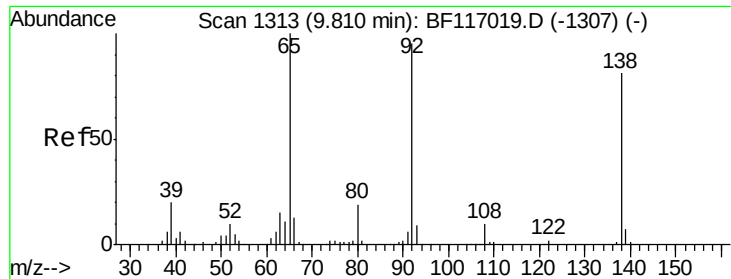
Tot Ion:165 Resp: 78112
 Ion Ratio Lower Upper
 165 100
 63 62.6 41.8 62.8
 89 68.0 46.5 69.7



#52
 Acenaphthene
 Concen: 36.561 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Tgt Ion:154 Resp: 280330
 Ion Ratio Lower Upper
 154 100
 153 111.6 89.0 133.6
 152 53.8 41.9 62.9

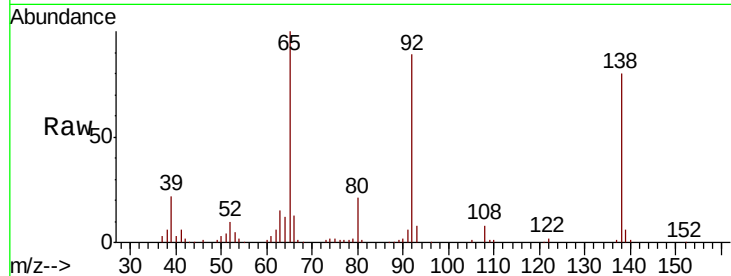




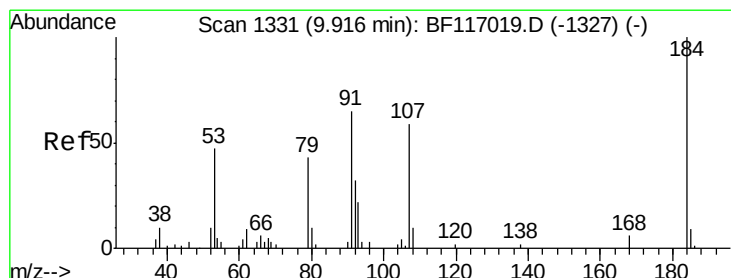
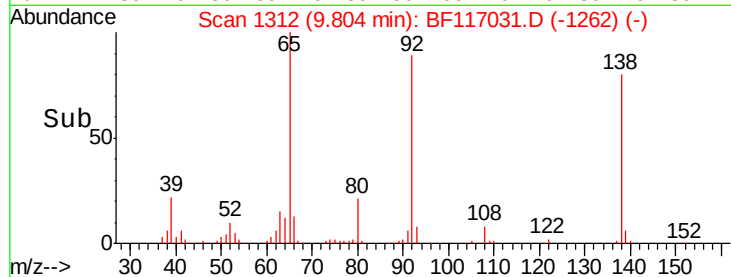
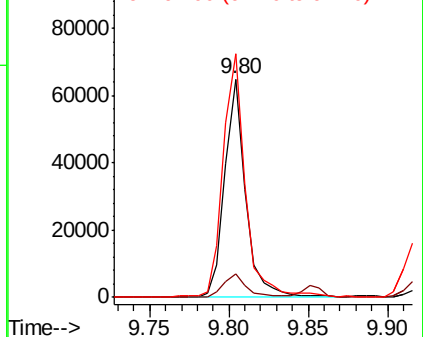
#53
3-Nitroaniline
Concen: 23.580 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 59837
Ion Ratio Lower Upper
138 100
108 10.5 9.5 14.3
92 111.4 94.1 141.1

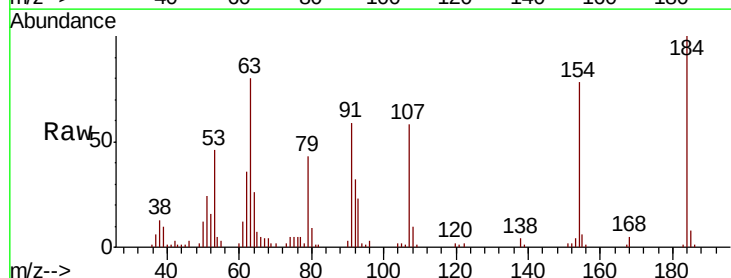


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

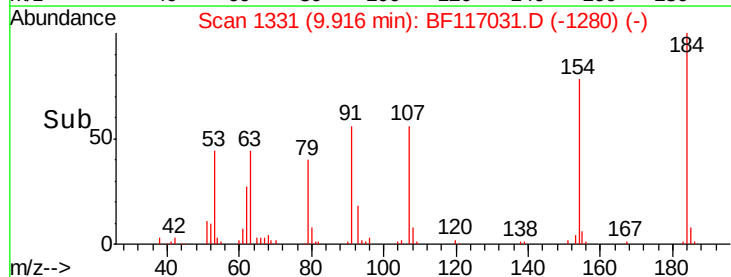
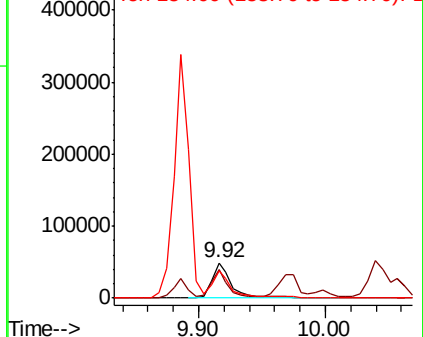


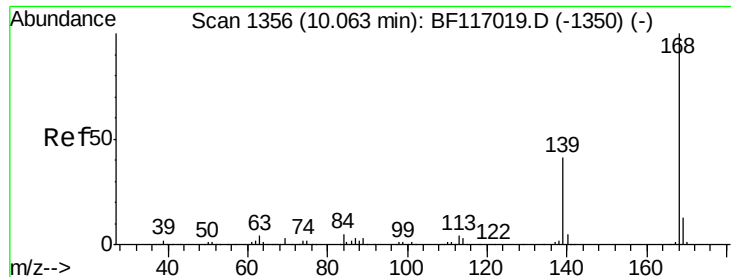
#54
2,4-Dinitrophenol
Concen: 64.072 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion:184 Resp: 53854
Ion Ratio Lower Upper
184 100
63 80.3 63.8 95.6
154 78.0 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

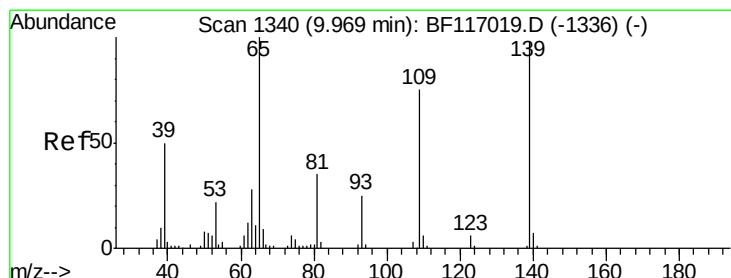
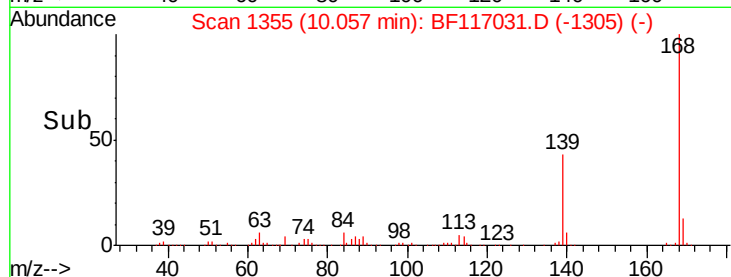
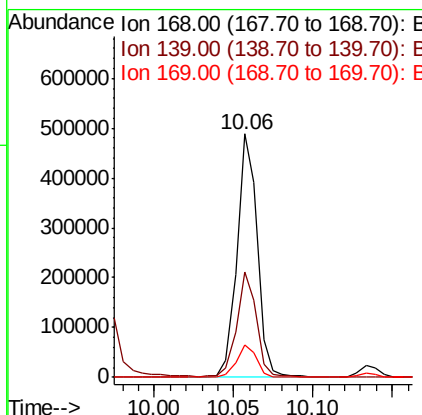
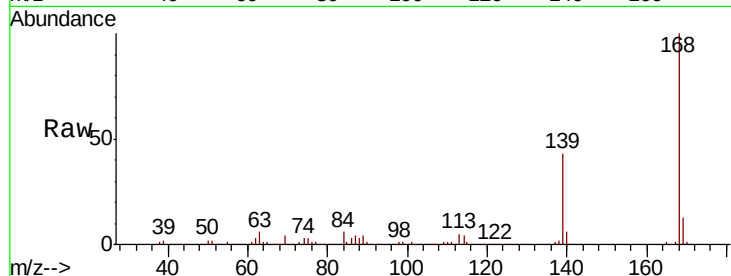




#55
Dibenzenofuran
Concen: 38.303 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

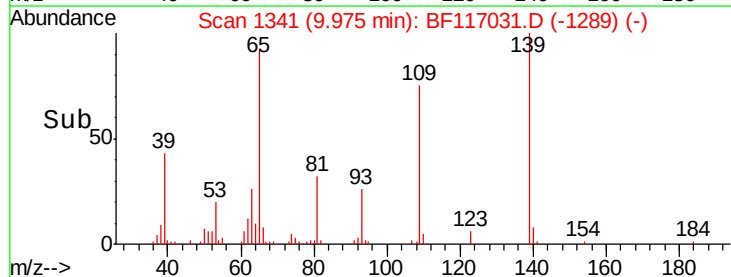
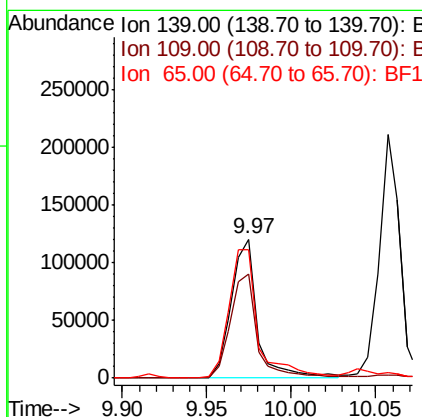
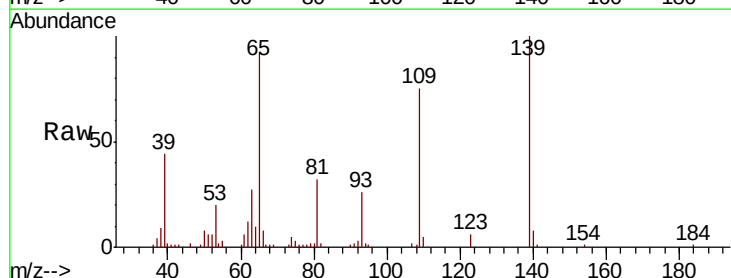
Instrument :
BNA_F
ClientSampleId :

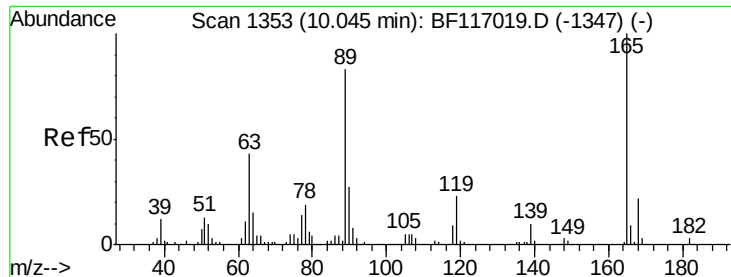
Tot Ion:168 Resp: 433312
Ion Ratio Lower Upper
168 100
139 43.1 32.8 49.2
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 78.334 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion:139 Resp: 128834
Ion Ratio Lower Upper
139 100
109 74.8 56.4 96.4
65 92.3 82.5 122.5

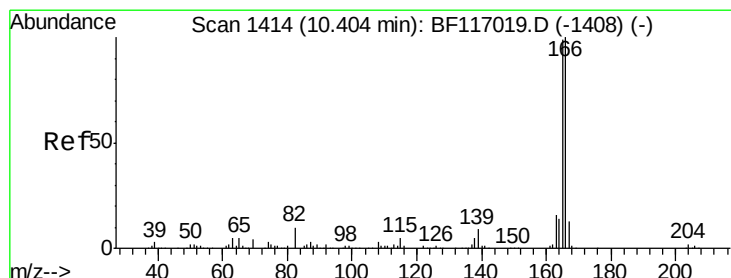
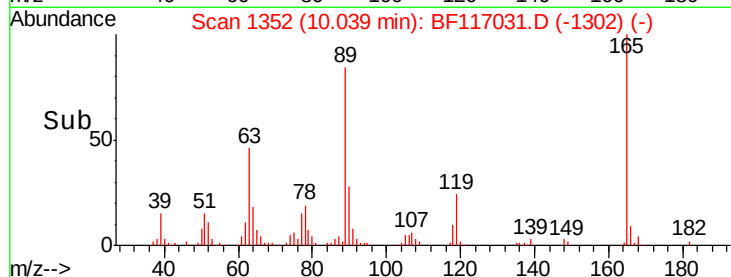
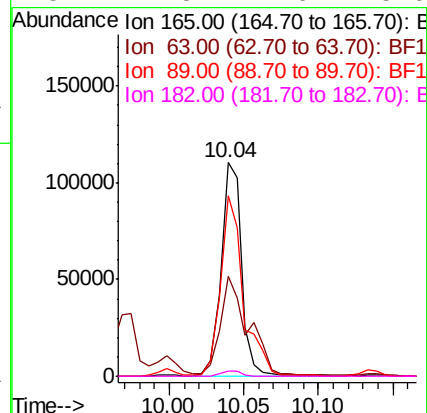
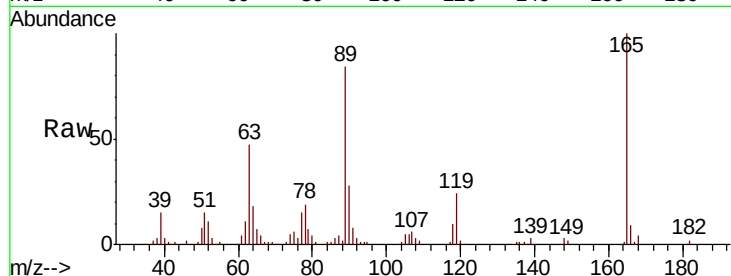




#57
2,4-Dinitrotoluene
Concen: 40.729 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

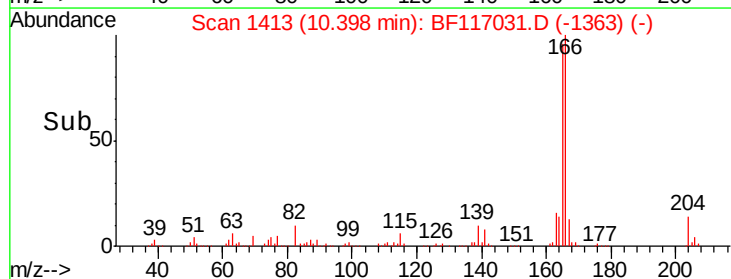
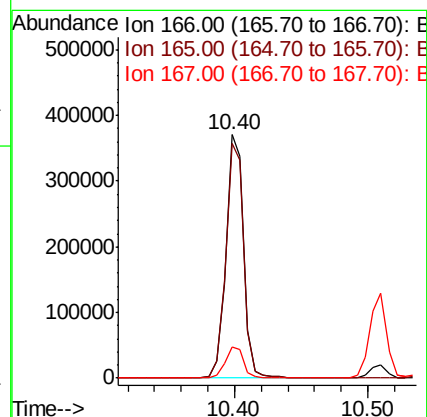
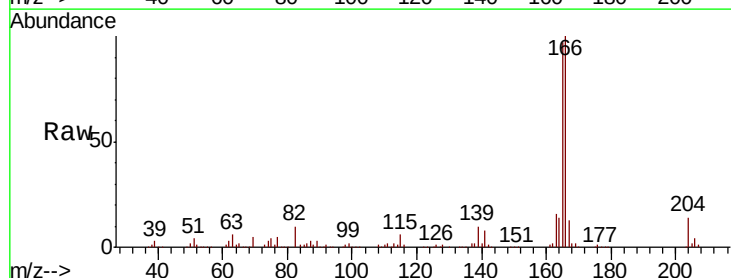
Instrument :
BNA_F
ClientSampleId :

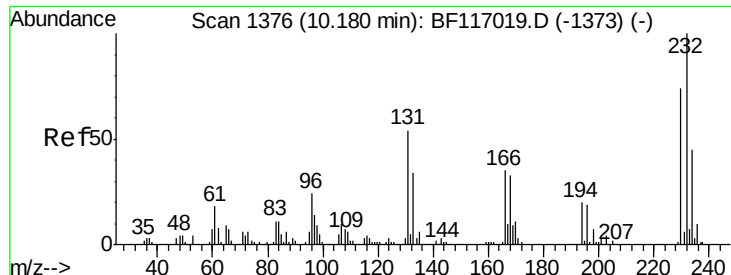
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.8	35.0	52.4
89	84.2	66.1	99.1
182	2.3	2.0	3.0



#58
Fluorene
Concen: 37.978 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.9	118.3
167	12.9	10.6	15.8

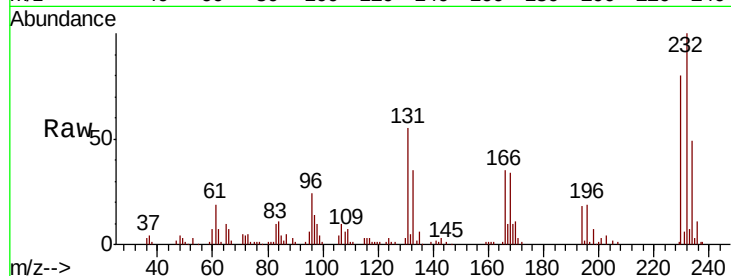




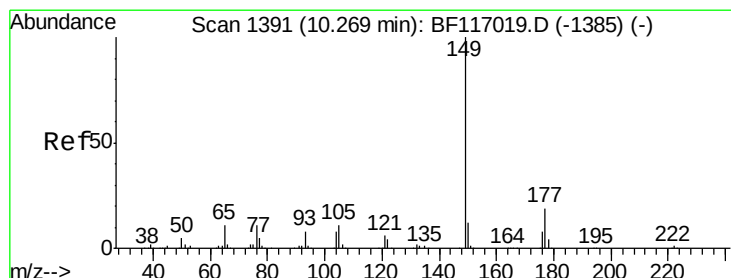
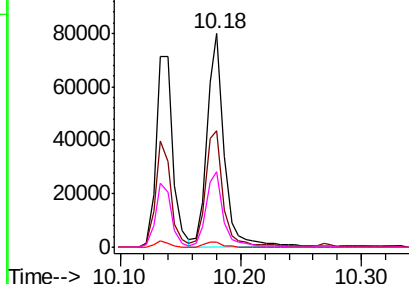
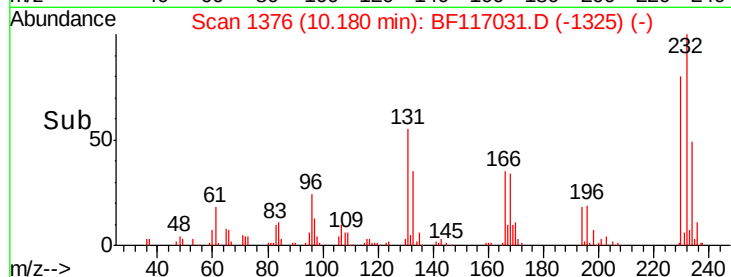
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.706 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:232 Resp: 77346
 Ion Ratio Lower Upper
 232 100
 131 57.8 45.3 67.9
 130 2.7 1.8 2.8
 166 36.4 29.4 44.2

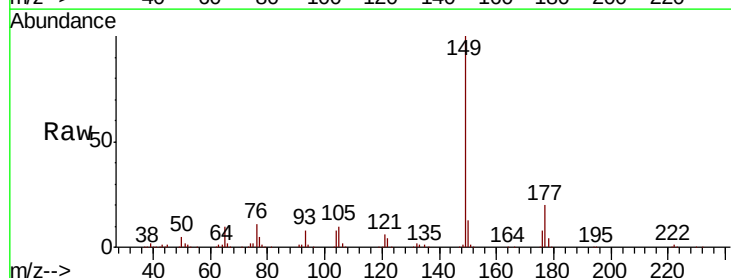


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

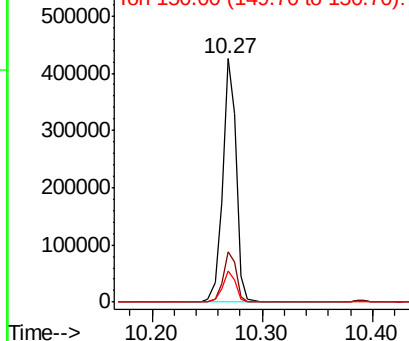
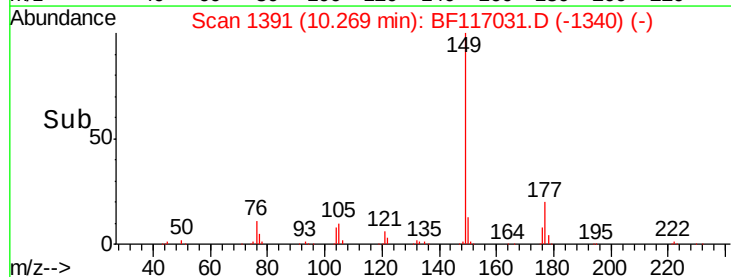


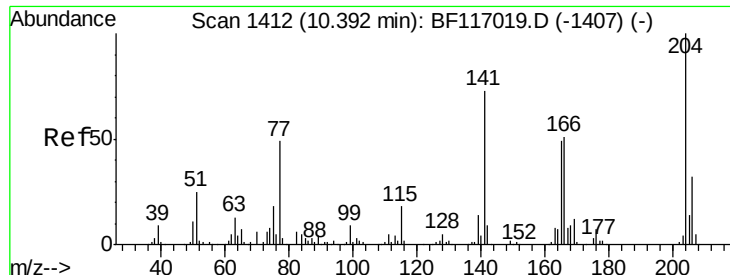
#60
 Diethylphthalate
 Concen: 37.520 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Tgt Ion:149 Resp: 364533
 Ion Ratio Lower Upper
 149 100
 177 20.5 15.2 22.8
 150 13.0 9.9 14.9



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

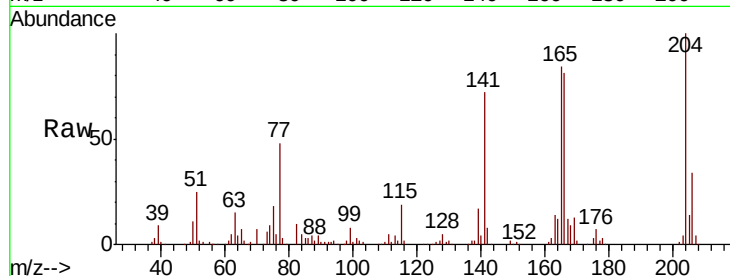




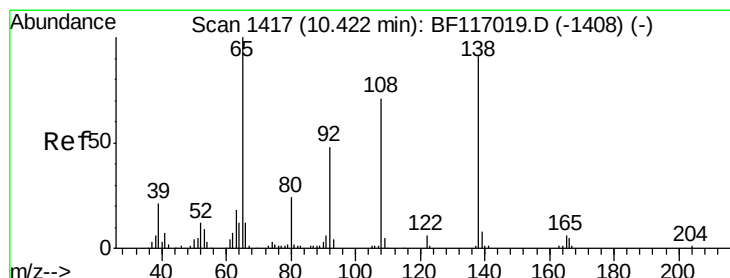
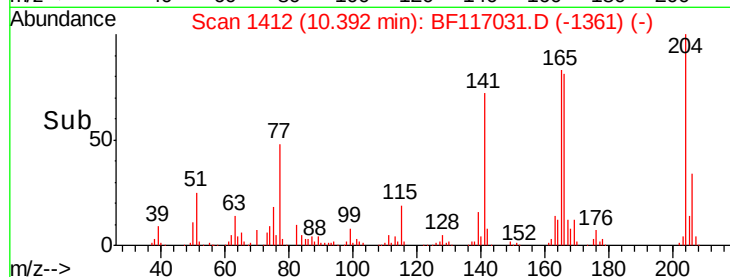
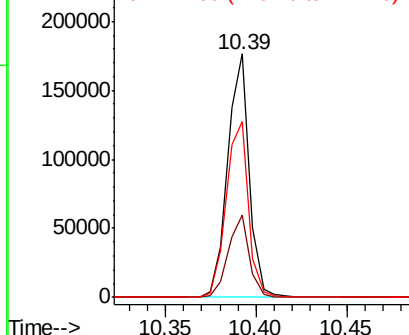
#61
4-Chlorophenyl-phenylether
Concen: 37.277 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 146976
Ion Ratio Lower Upper
204 100
206 34.1 26.0 39.0
141 72.4 58.2 87.2

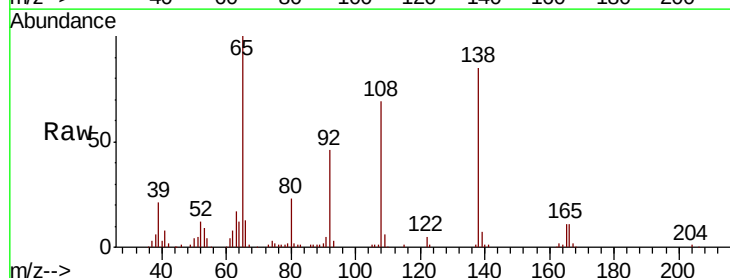


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

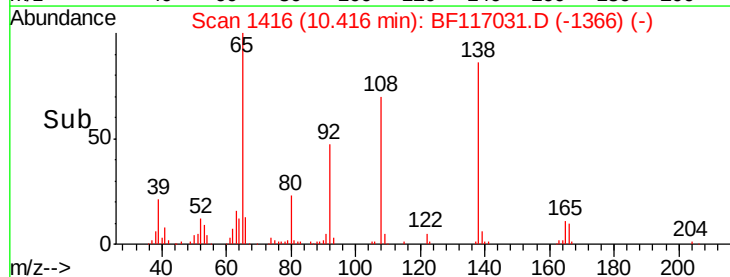
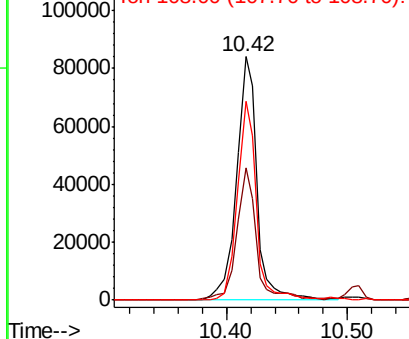


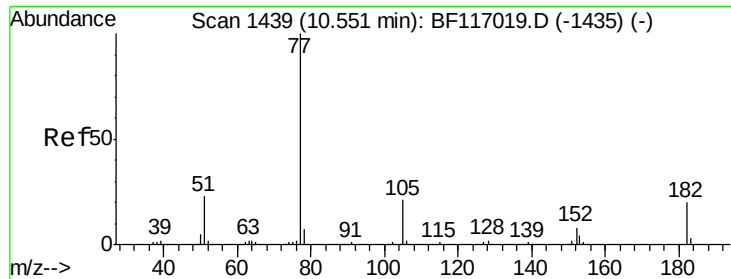
#62
4-Nitroaniline
Concen: 37.849 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion:138 Resp: 99885
Ion Ratio Lower Upper
138 100
92 54.4 32.9 72.9
108 81.7 58.3 98.3



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





#63

Azobenzene

Concen: 38.076 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 377829

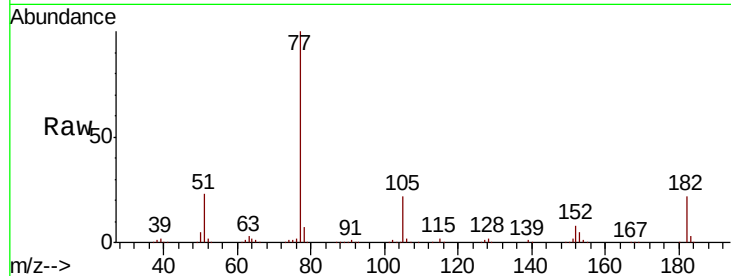
Ion	Ratio	Lower	Upper
77	100		
182	21.8	0.4	40.4
105	21.9	0.9	40.9
51	22.6	2.8	42.8

77 100

182 21.8 0.4 40.4

105 21.9 0.9 40.9

51 22.6 2.8 42.8

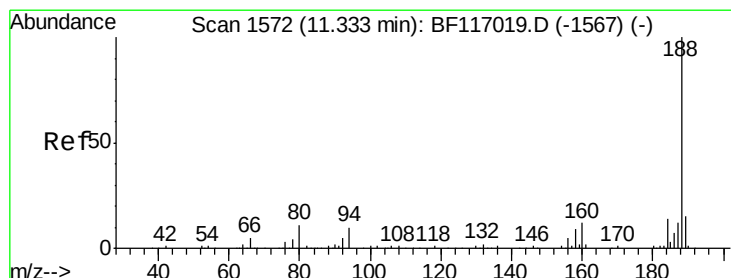
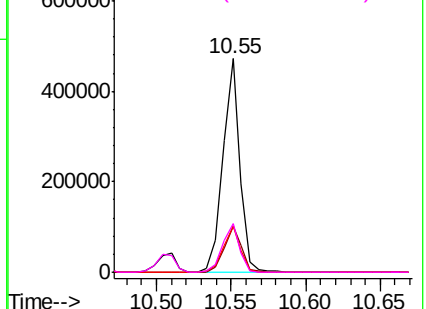
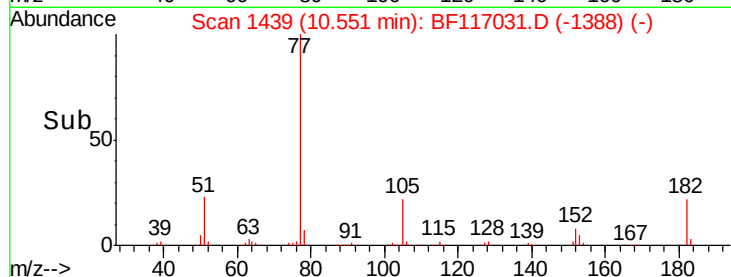


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF117031.D

Acq: 13 Sep 2019 19:18

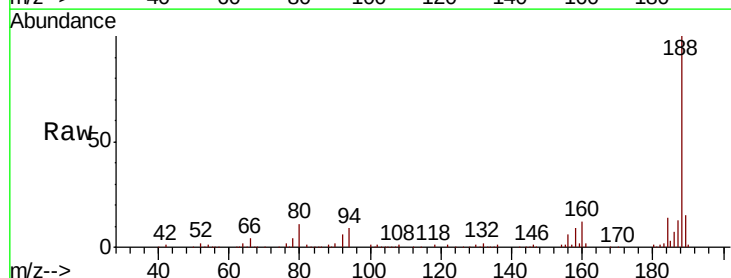
Tgt Ion: 188 Resp: 235606

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.2
80	10.8	9.0	13.6

188 100

94 9.4 8.2 12.2

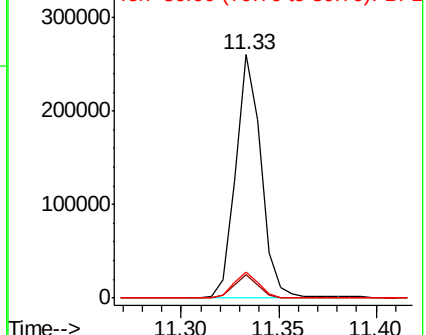
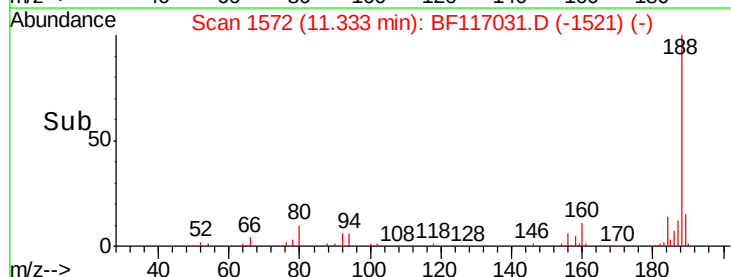
80 10.8 9.0 13.6

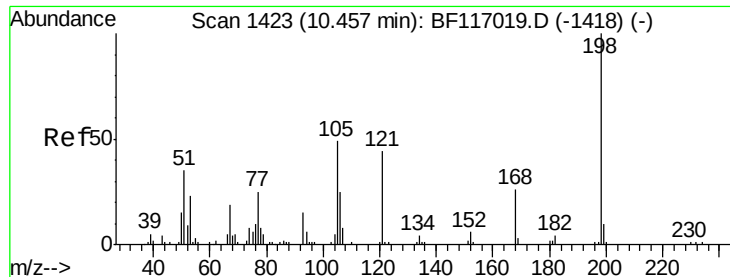


Abundance Ion 188.00 (187.70 to 188.70): E

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: 40.050 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Instrument :

BNA_F

ClientSampleId :

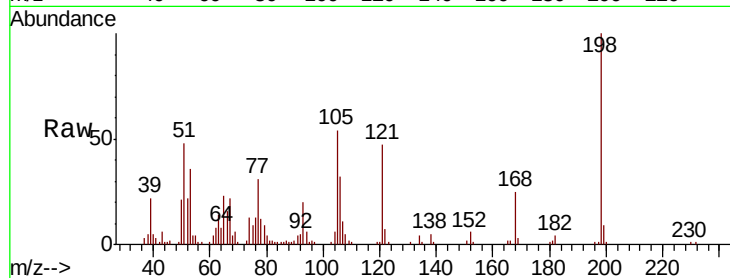
Tot Ion:198 Resp: 41561

Ion Ratio Lower Upper

198 100

51 47.9 18.7 58.7

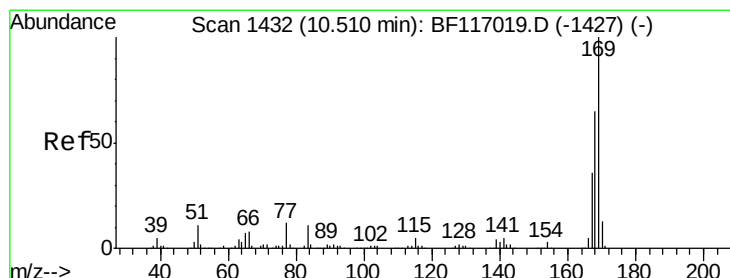
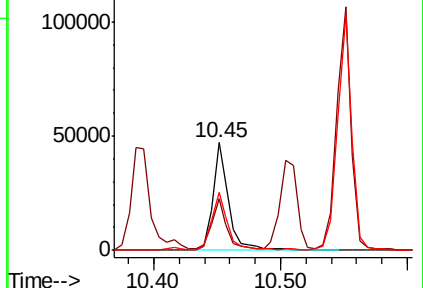
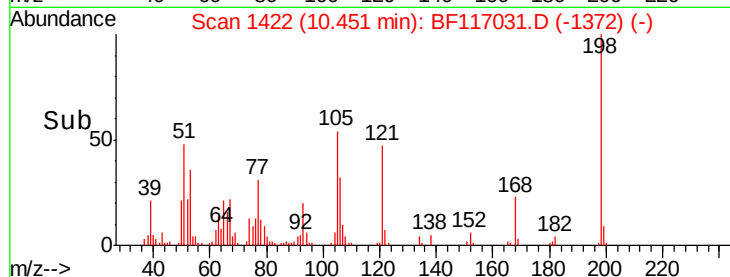
105 54.2 30.2 70.2



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: 37.328 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

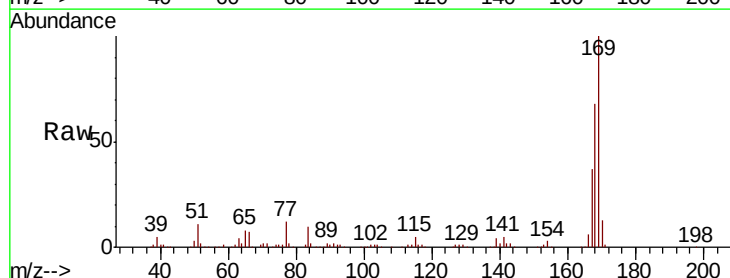
Tgt Ion:169 Resp: 303733

Ion Ratio Lower Upper

169 100

168 67.8 52.2 78.2

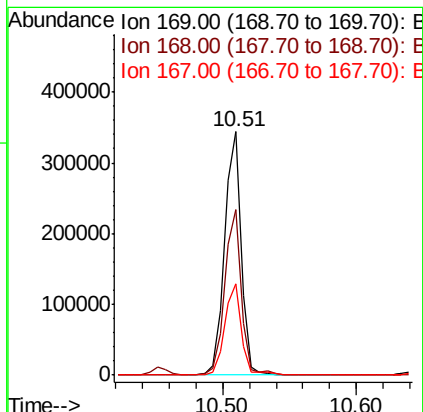
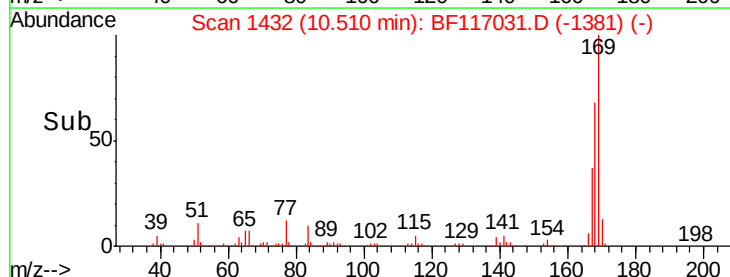
167 37.3 28.8 43.2

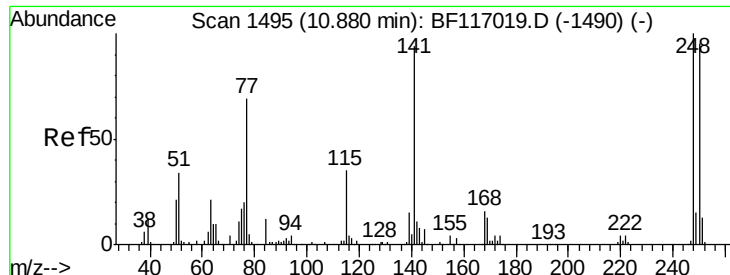


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

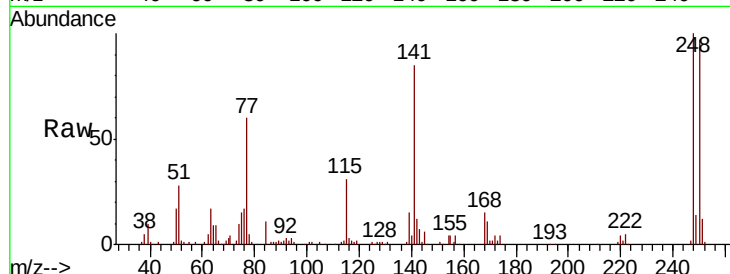




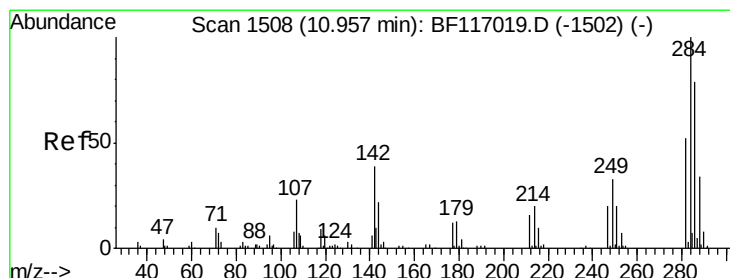
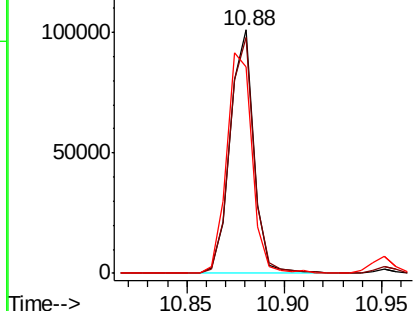
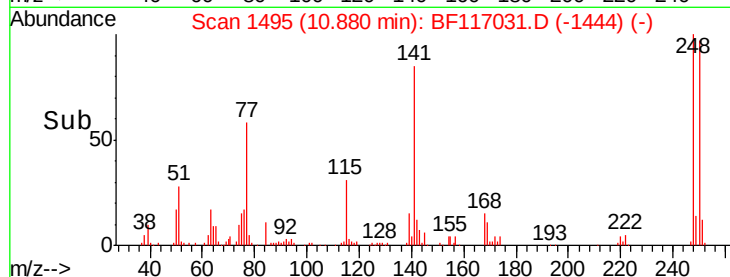
#67
 4-Bromophenyl-phenylether
 Concen: 35.349 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 85053
 Ion Ratio Lower Upper
 248 100
 250 97.2 76.2 114.4
 141 84.7 75.0 112.4

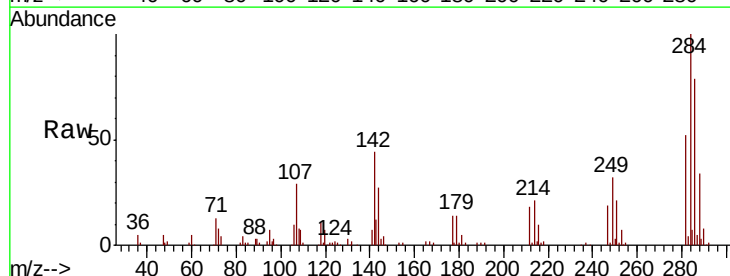


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

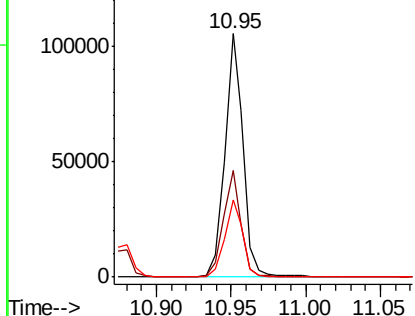
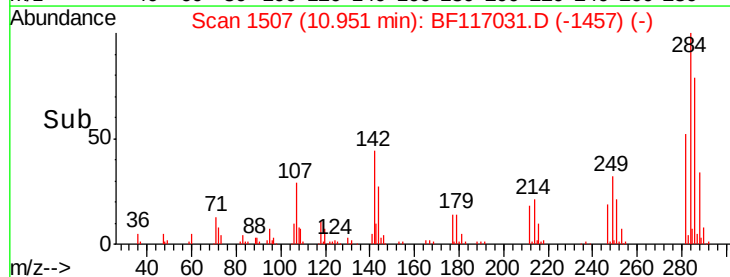


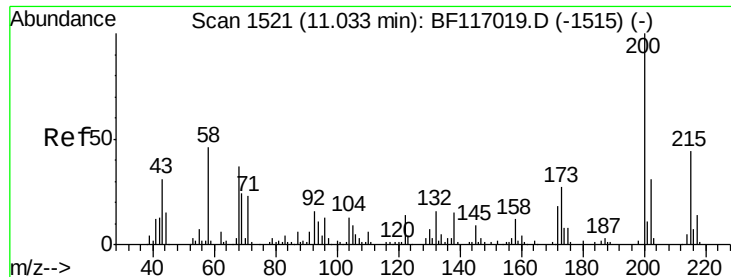
#68
 Hexachlorobenzene
 Concen: 34.734 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Tgt Ion:284 Resp: 91409
 Ion Ratio Lower Upper
 284 100
 142 43.9 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

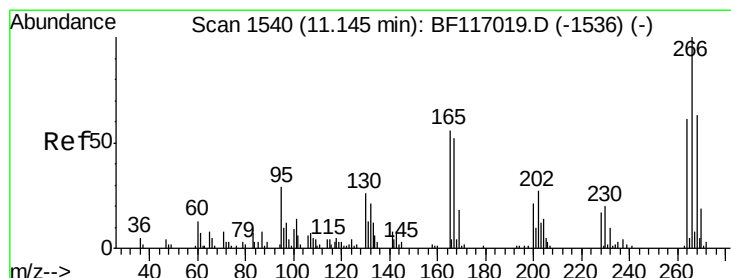
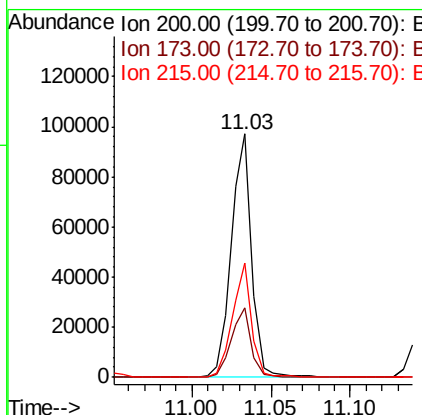
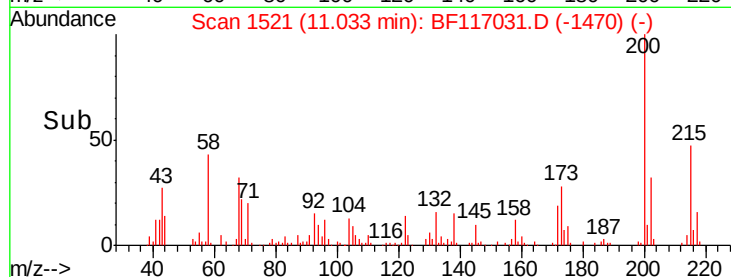
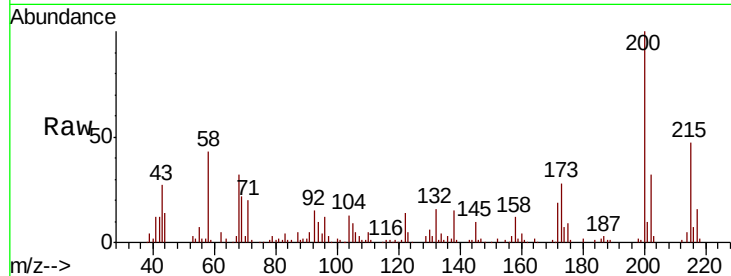




#69
 Atrazine
 Concen: 41.719 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

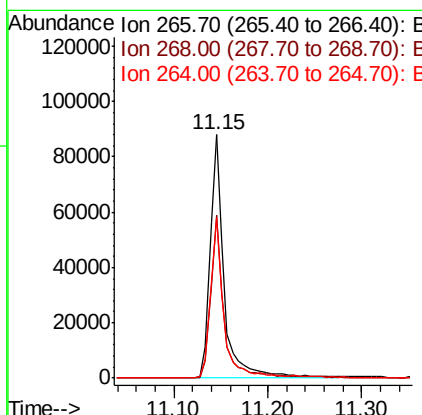
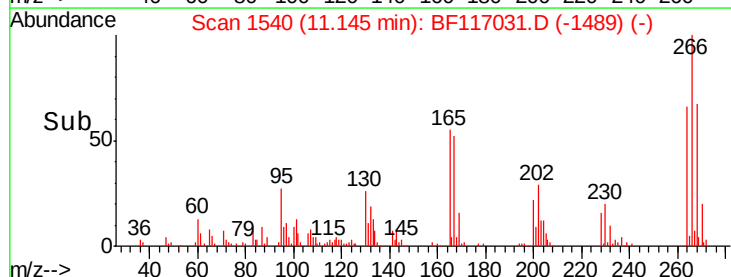
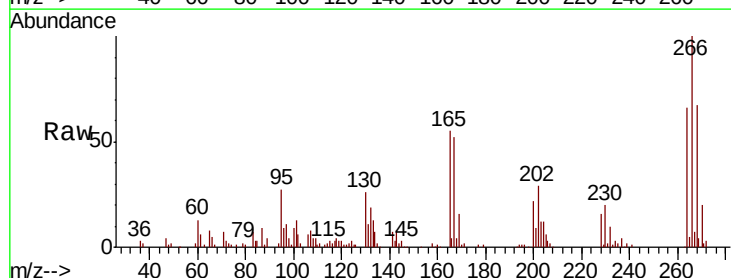
Instrument :
 BNA_F
 ClientSampleId :

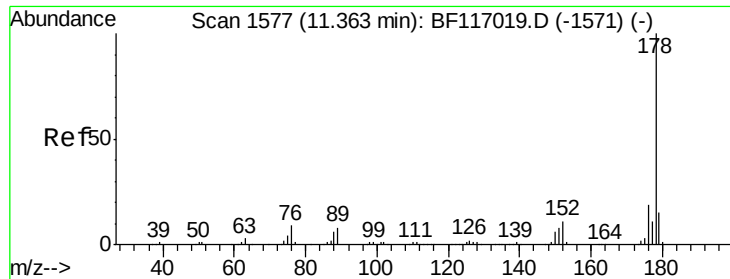
Tot Ion:200 Resp: 86134
 Ion Ratio Lower Upper
 200 100
 173 28.4 6.9 46.9
 215 46.8 23.8 63.8



#70
 Pentachlorophenol
 Concen: 75.662 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Tgt Ion:266 Resp: 93337
 Ion Ratio Lower Upper
 266 100
 268 67.1 50.5 75.7
 264 65.7 48.8 73.2

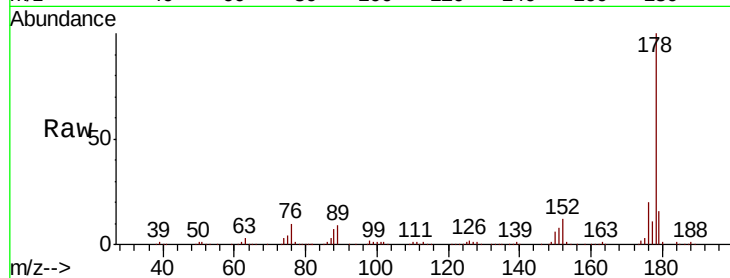




#71
Phenanthrene
Concen: 37.102 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	15.8	12.4	18.6

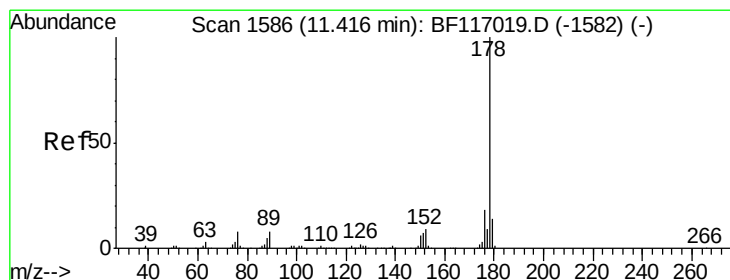
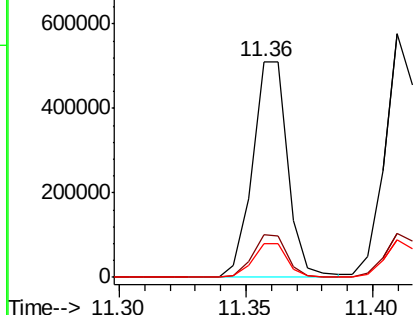
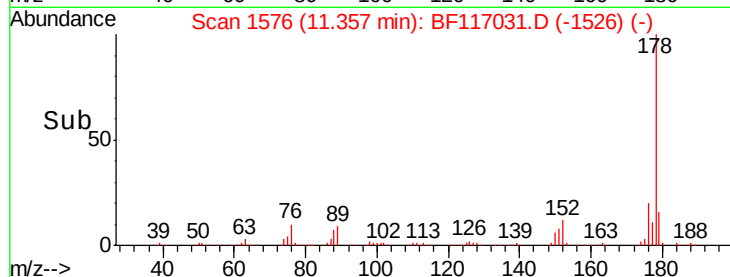


Abundance

Ion 178.00 (177.70 to 178.70): E

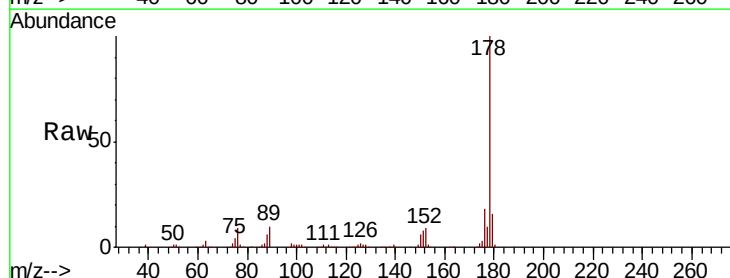
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 38.585 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.5	11.6	17.4

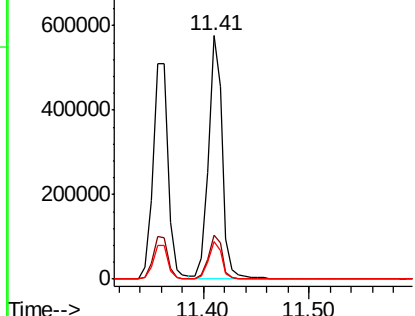
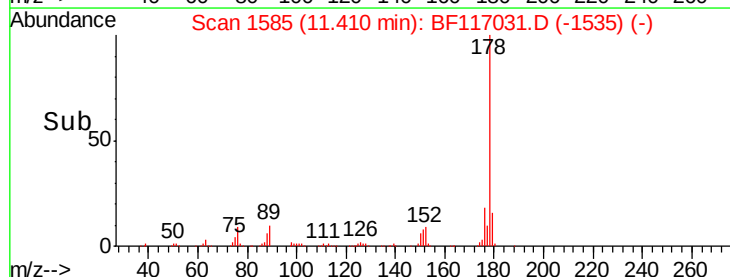


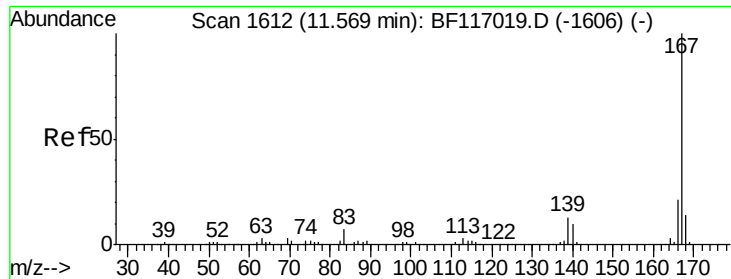
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

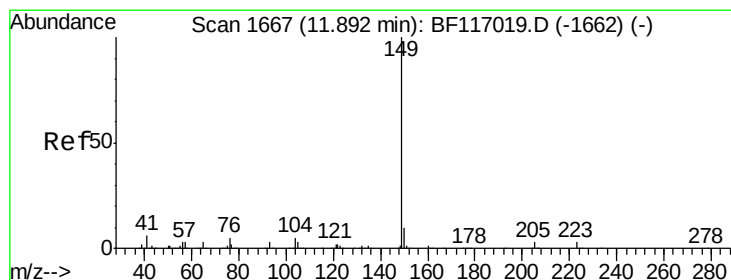
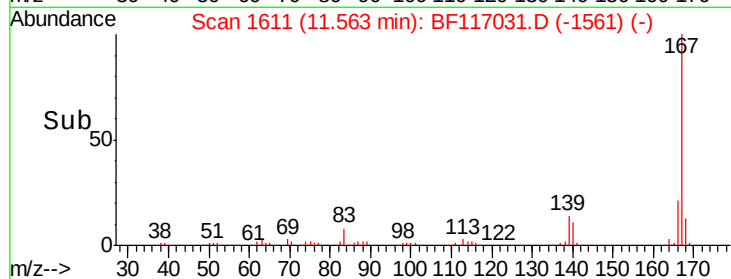
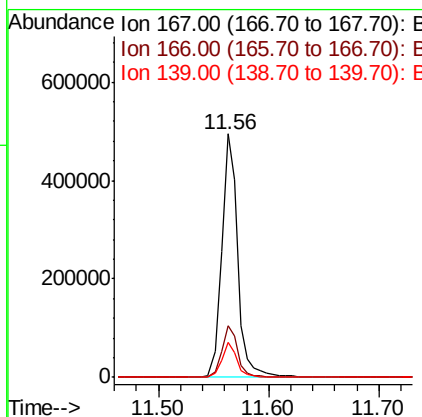
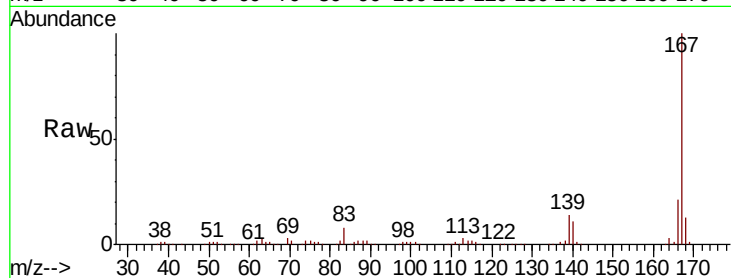




#73
 Carbazole
 Concen: 38.517 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

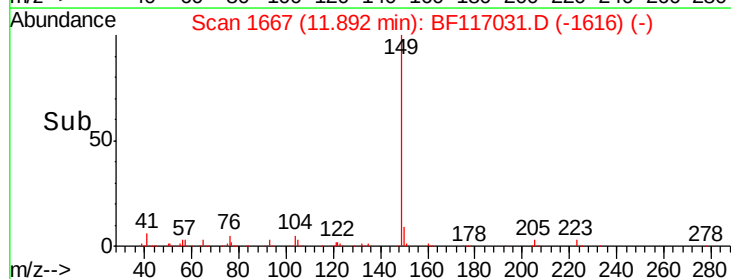
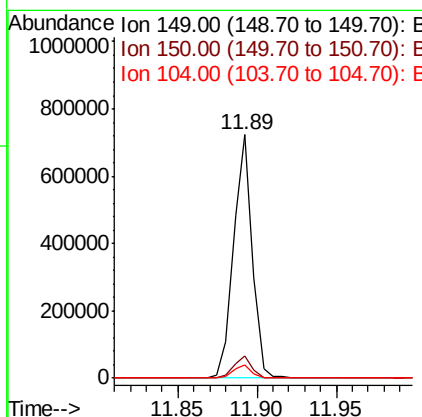
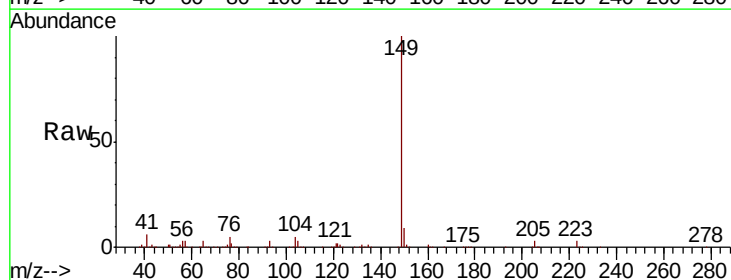
Instrument :
 BNA_F
 ClientSampleId :

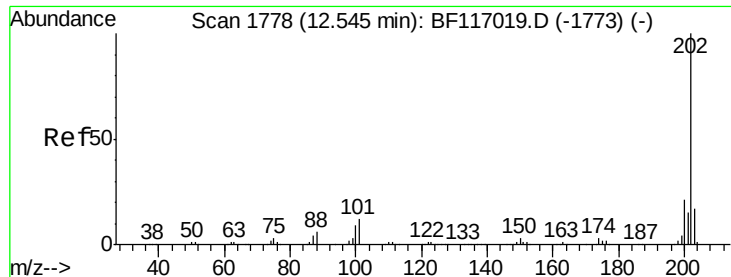
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	14.2	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 38.204 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.5	4.2	6.4

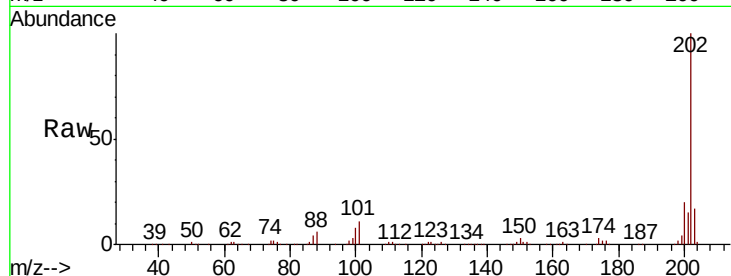




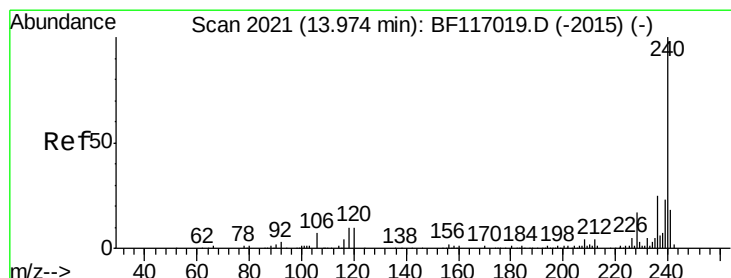
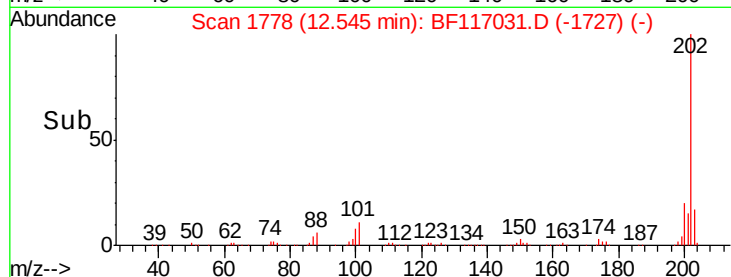
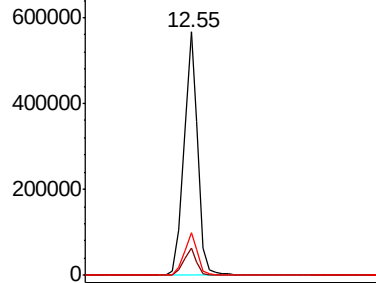
#75
 Fluoranthene
 Concen: 38.062 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 523364
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 32.3
 203 17.4 0.0 37.1

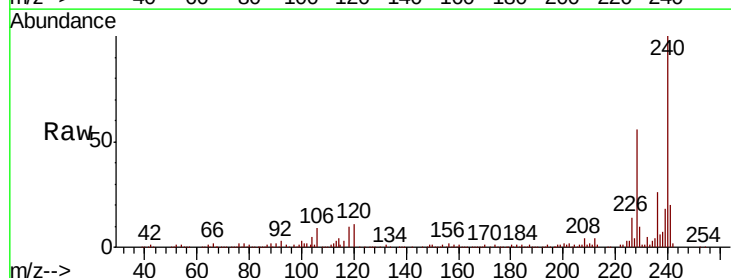


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

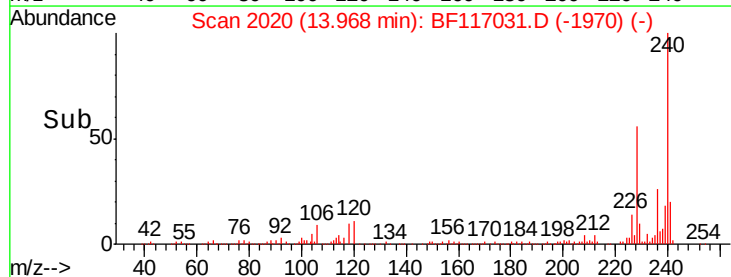
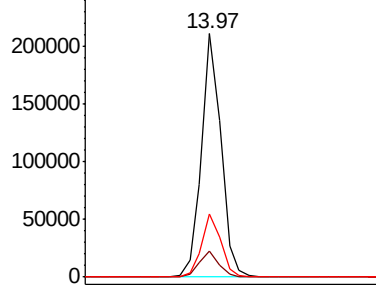


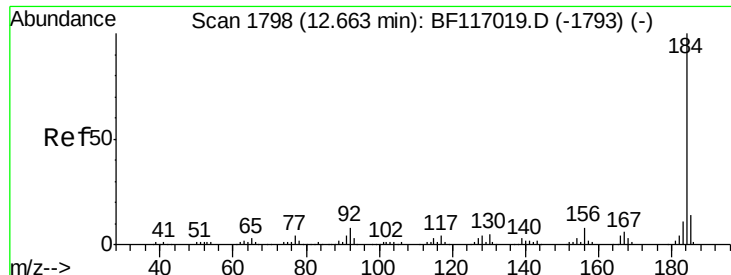
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Tgt Ion:240 Resp: 169554
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.3 12.5
 236 25.7 20.3 30.5



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

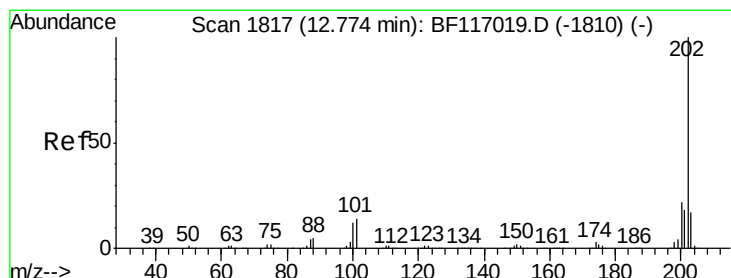
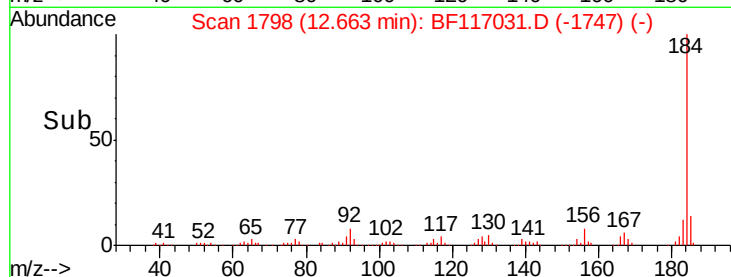
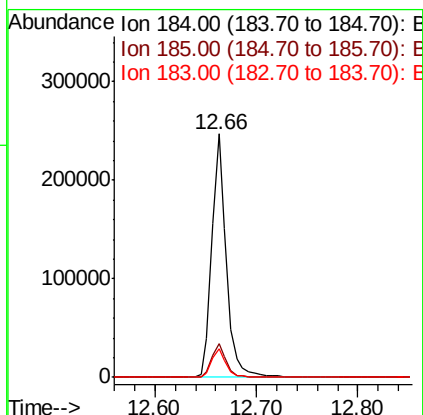
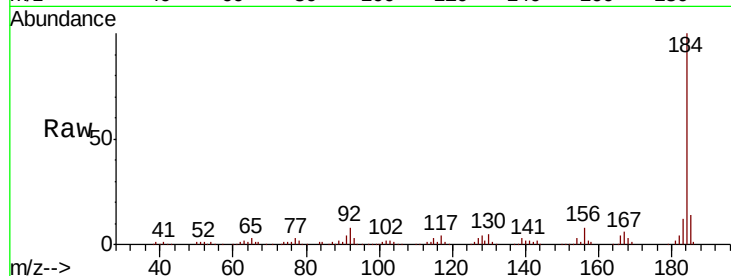




#77
Benzidine
Concen: 45.173 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

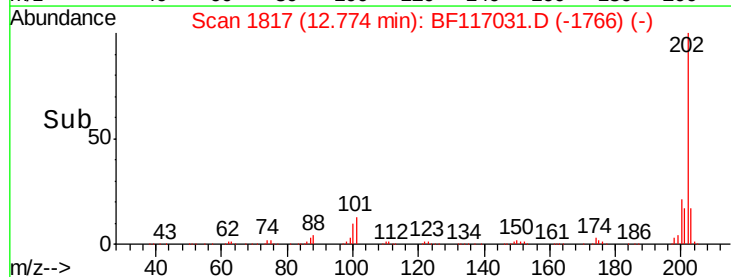
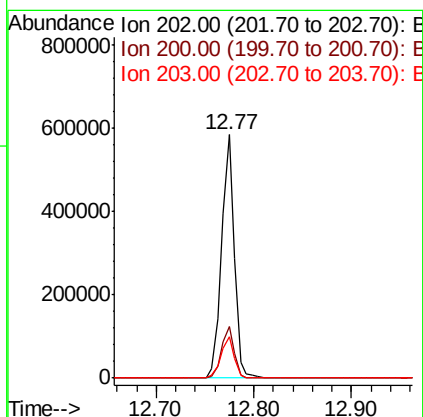
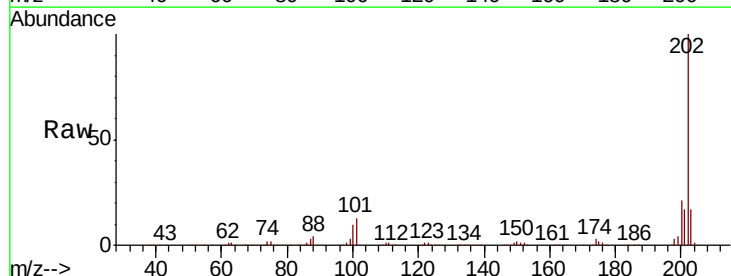
Instrument :
BNA_F
ClientSampleId :

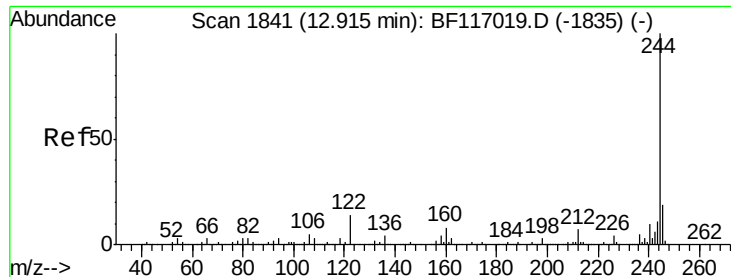
Tot Ion:184 Resp: 246725
Ion Ratio Lower Upper
184 100
185 13.8 11.6 17.4
183 11.5 9.0 13.4



#78
Pyrene
Concen: 37.206 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion:202 Resp: 529318
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.2 14.0 21.0





#79

Terphenyl-d14

Concen: 60.389 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Instrument :

BNA_F

ClientSampleId :

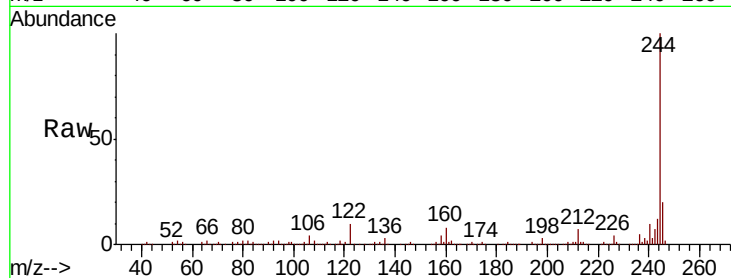
Tot Ion:244 Resp: 547780

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

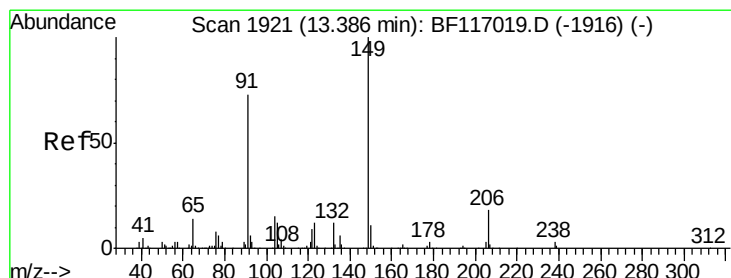
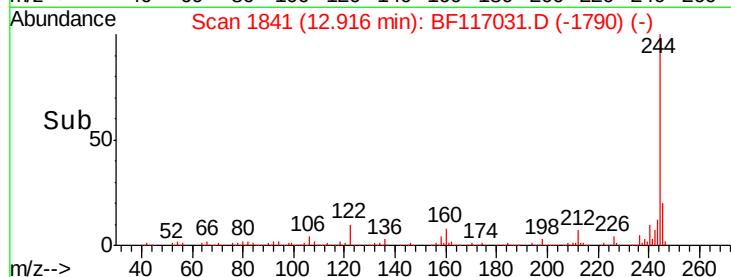
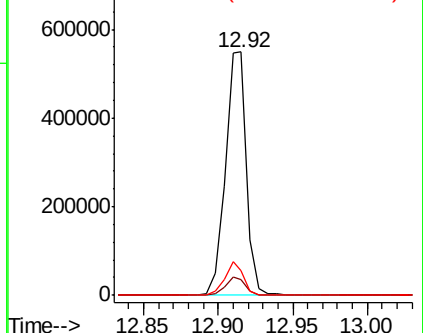
122 10.4 11.3 16.9#



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: 37.886 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

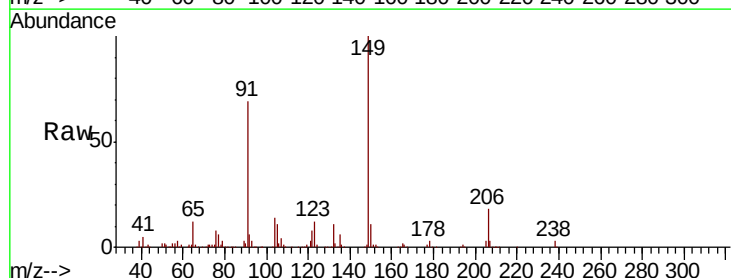
Tgt Ion:149 Resp: 254688

Ion Ratio Lower Upper

149 100

91 69.0 58.8 88.2

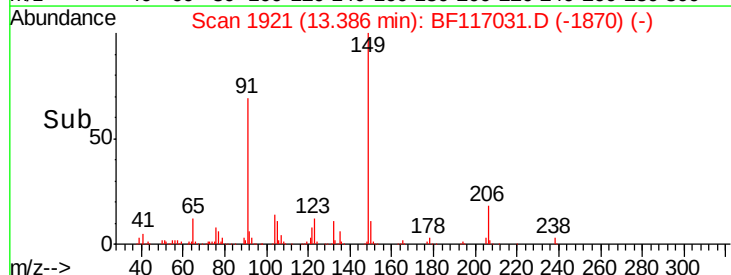
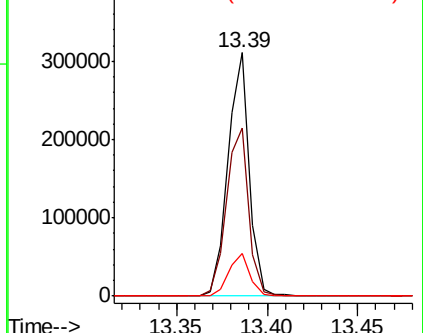
206 17.6 14.1 21.1

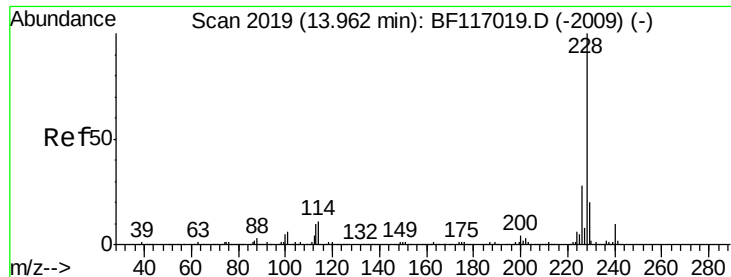


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.959 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Instrument :

BNA_F

ClientSampleId :

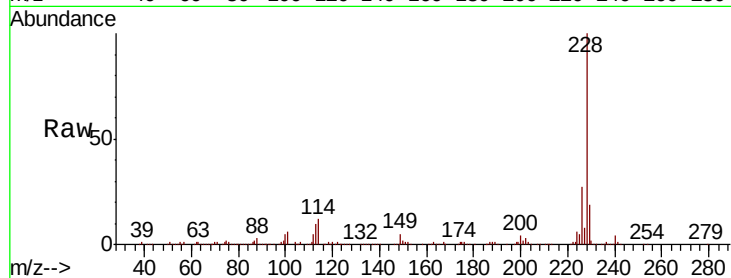
Tot Ion:228 Resp: 407350

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

229 19.2 15.9 23.9

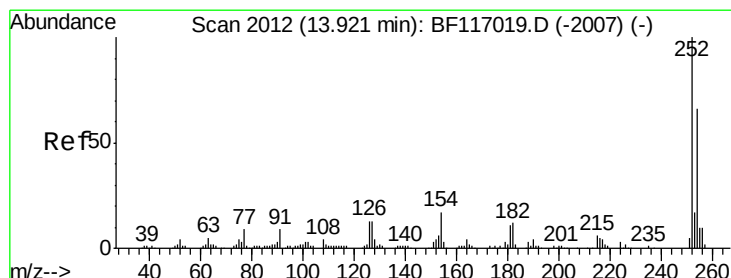
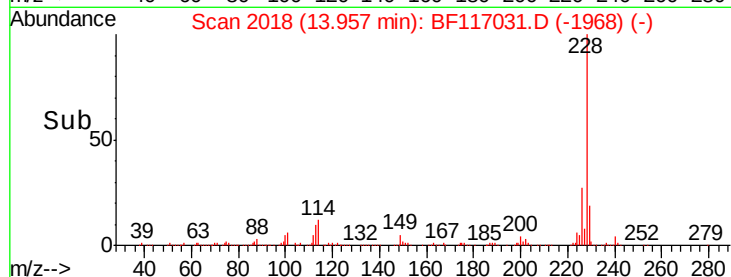
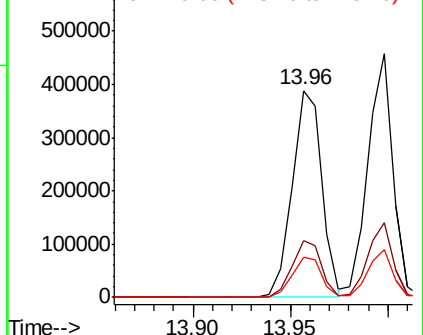


Abundance

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: 20.525 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

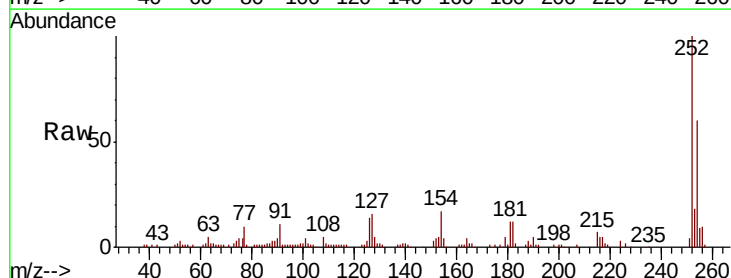
Tgt Ion:252 Resp: 74925

Ion Ratio Lower Upper

252 100

254 60.4 52.6 79.0

126 13.6 10.4 15.6

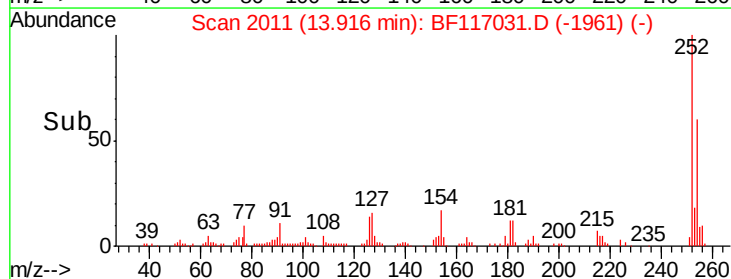
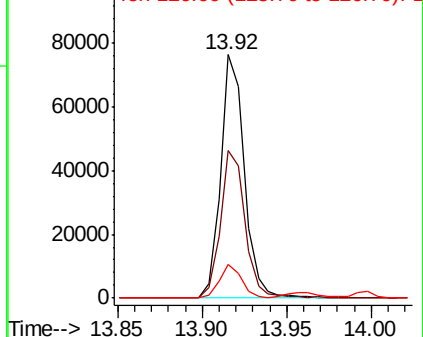


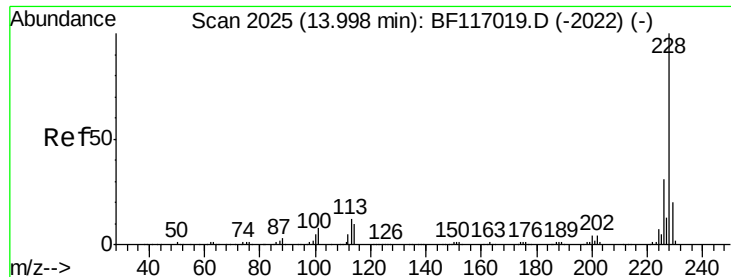
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.318 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Instrument :

BNA_F

ClientSampleId :

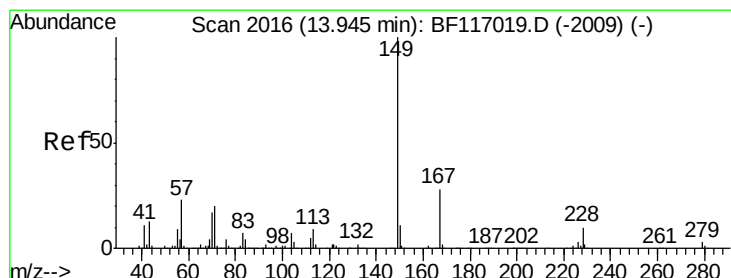
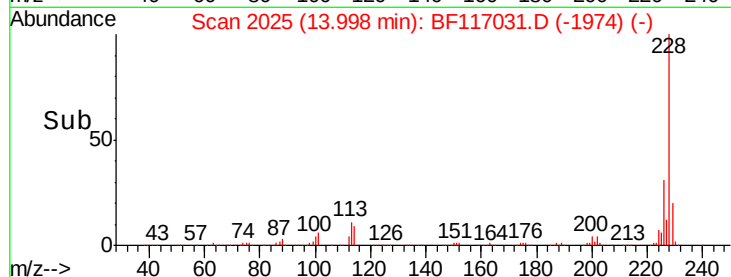
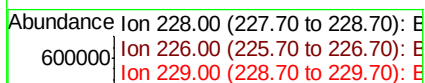
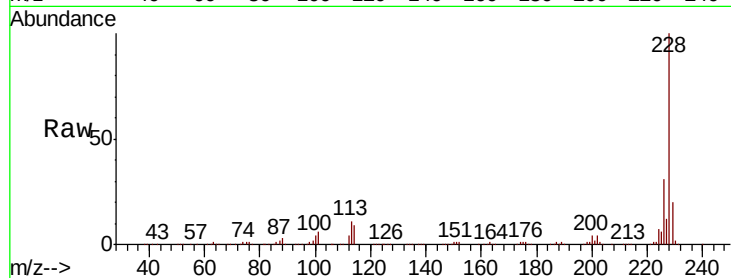
Tot Ion:228 Resp: 412314

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.8	37.2
229	19.8	15.8	23.8

228 100

226 30.5 24.8 37.2

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.843 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

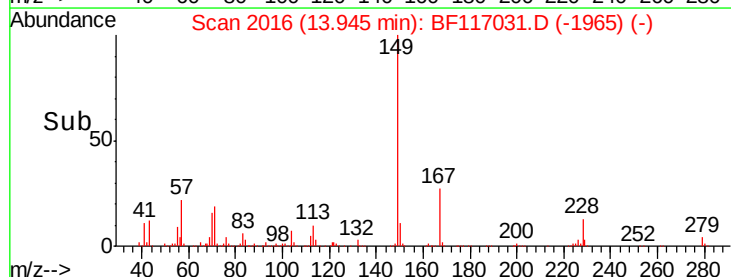
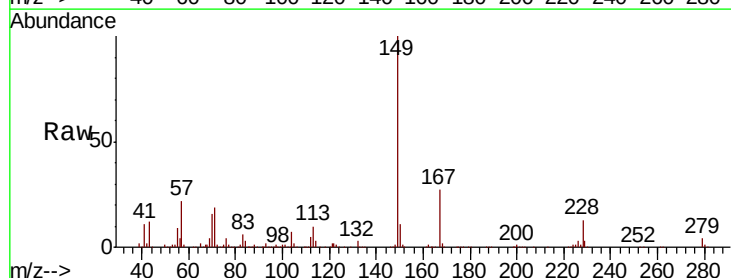
Tgt Ion:149 Resp: 336679

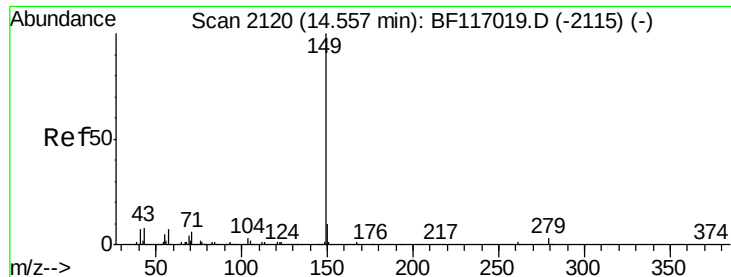
Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.2	33.2
279	3.7	2.8	4.2

149 100

167 27.2 22.2 33.2

279 3.7 2.8 4.2

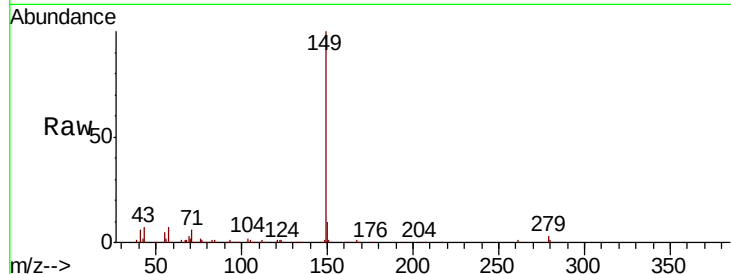




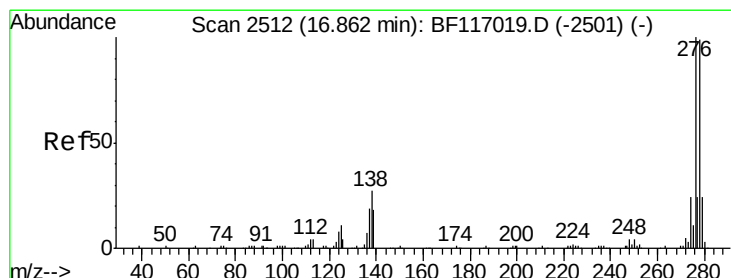
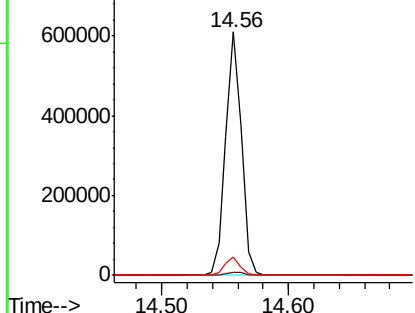
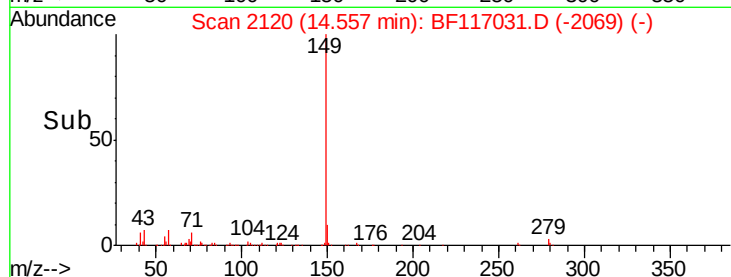
#85
Di-n-octyl phthalate
Concen: 38.779 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.2	6.2	9.4

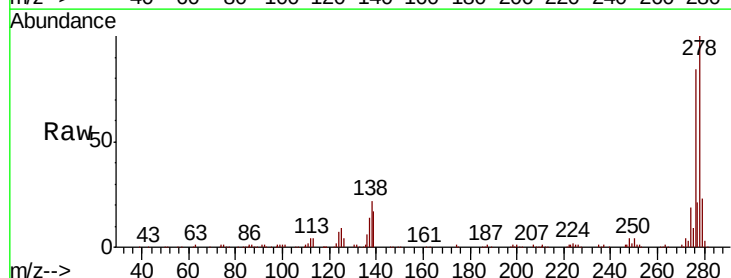


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

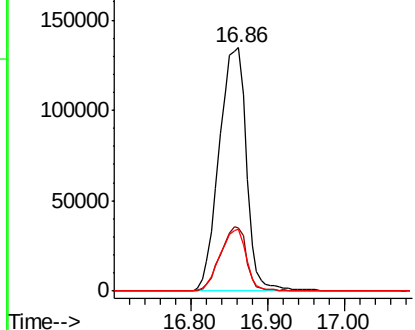
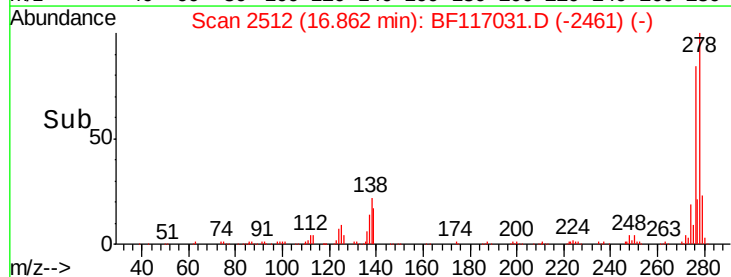


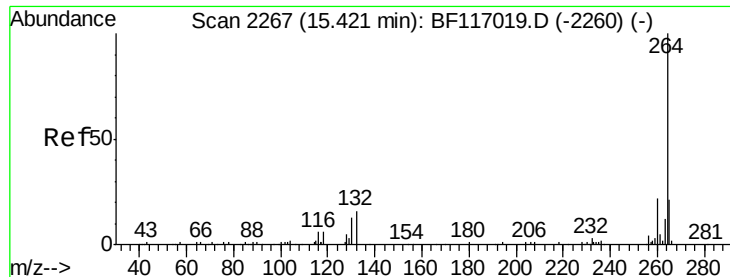
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.252 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.7	31.1
277	24.5	19.8	29.8



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



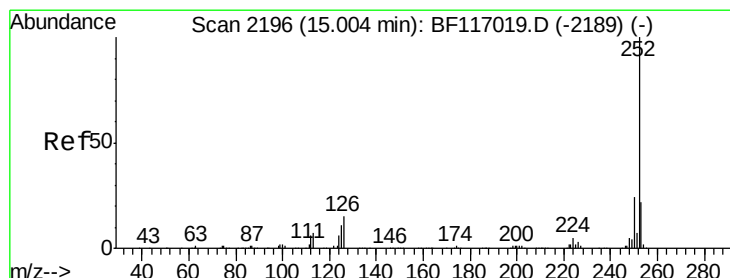
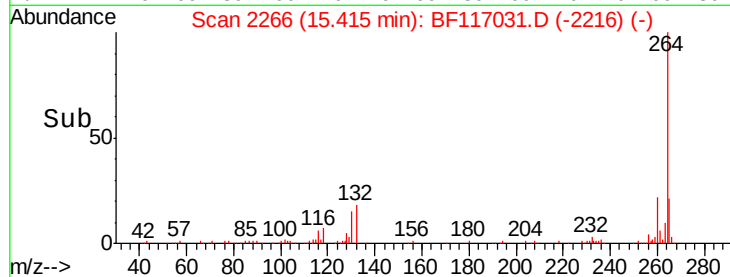
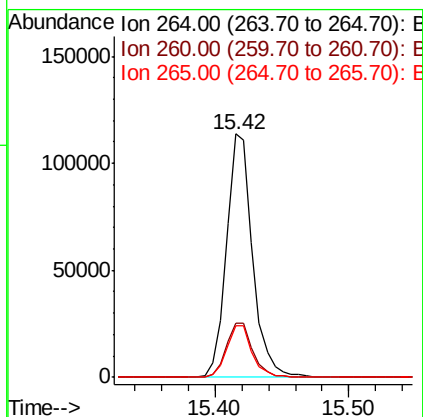
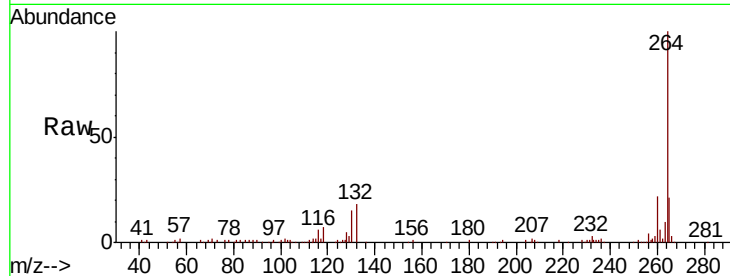


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 156450

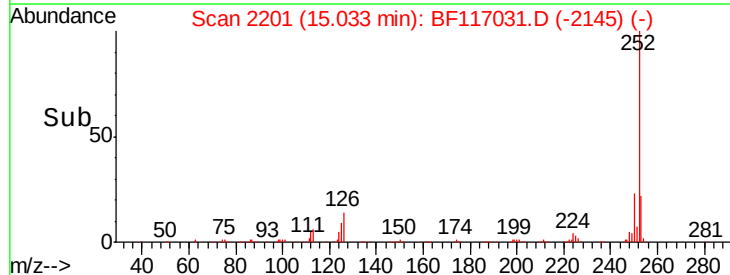
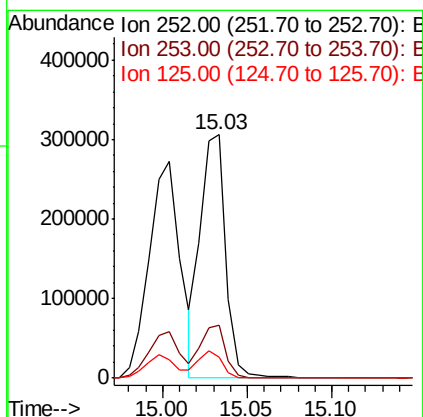
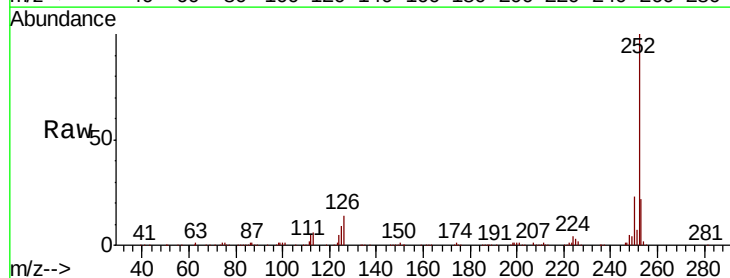
Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.6	26.4
265	21.3	16.6	24.8

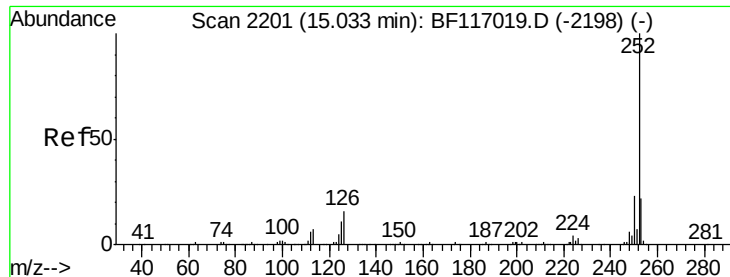


#88
Benzo(b)fluoranthene
Concen: 33.643 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.03 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion:252 Resp: 318822

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	8.6	8.6	12.8

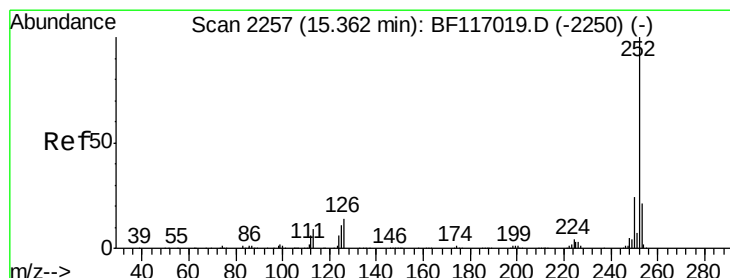
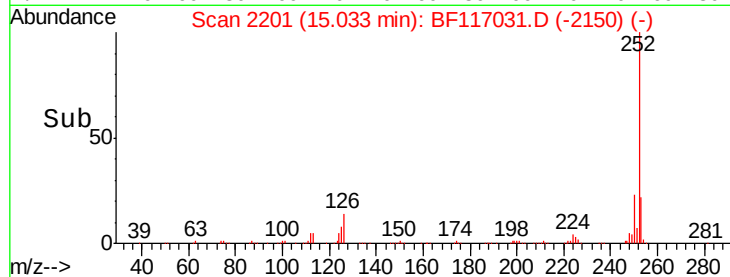
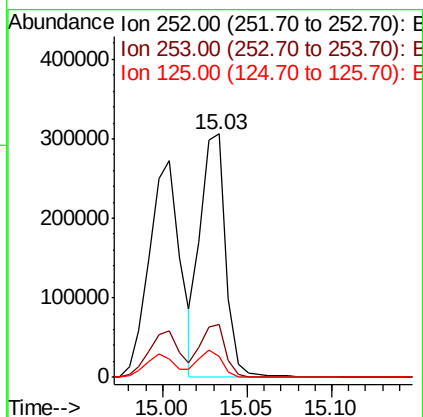
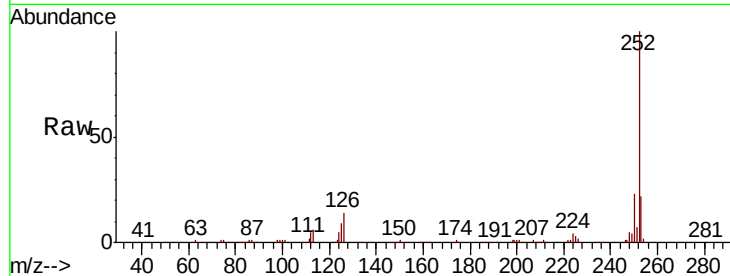




#89
Benzo(k)fluoranthene
Concen: 35.515 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

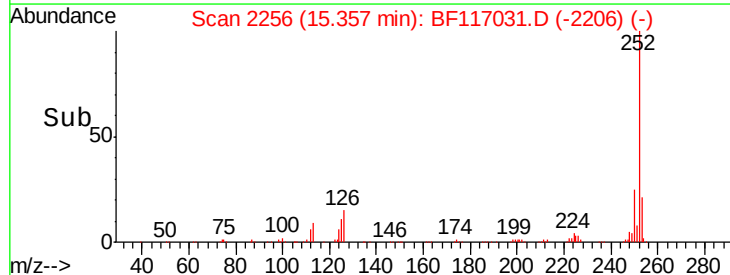
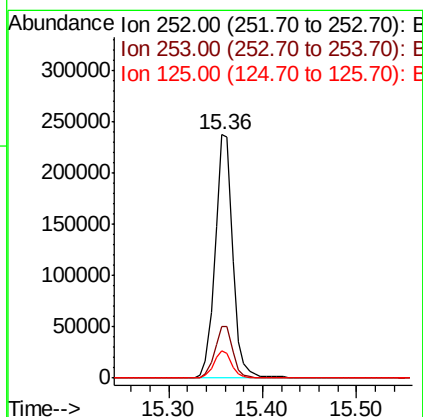
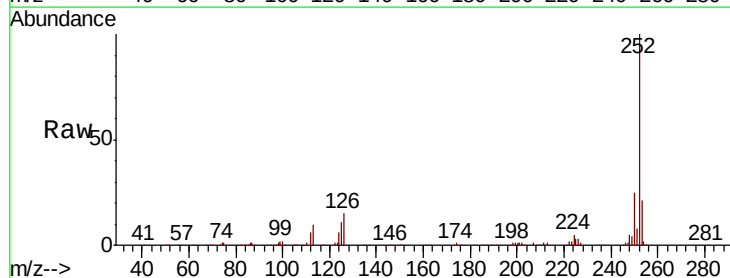
Instrument :
BNA_F
ClientSampleId :

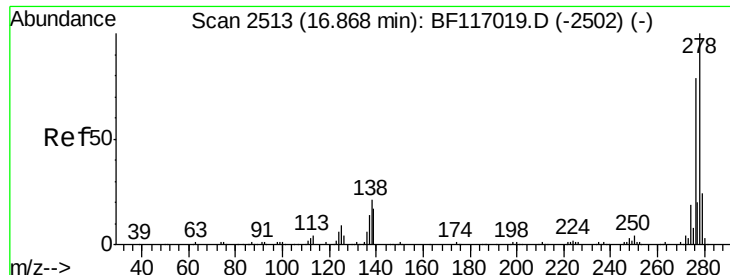
Tot Ion:252 Resp: 318822
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 8.6 8.8 13.2#



#90
Benzo(a)pyrene
Concen: 37.738 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion:252 Resp: 313831
Ion Ratio Lower Upper
252 100
253 21.2 16.6 25.0
125 11.4 8.9 13.3

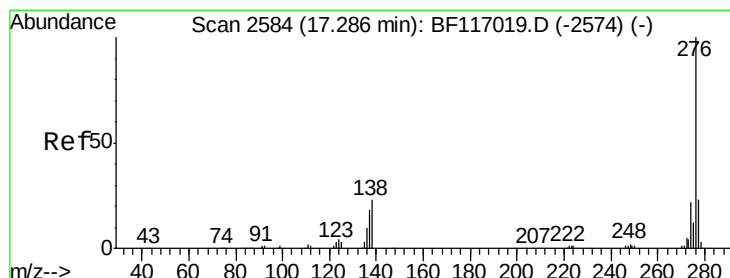
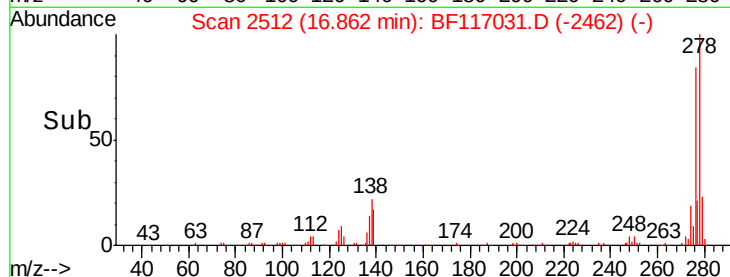
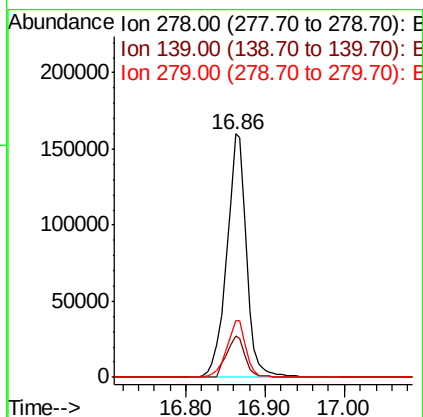
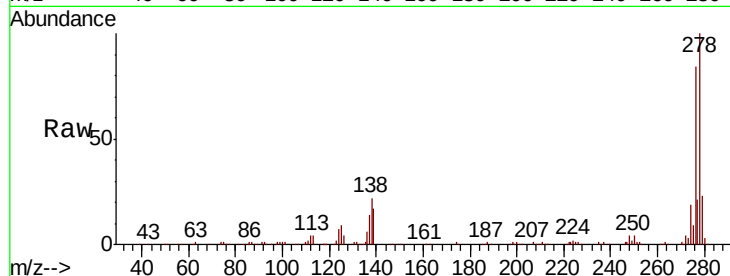




#91
Dibenzo(a,h)anthracene
Concen: 41.334 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.5	20.3
279	23.0	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 42.751 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	27.8
138	22.3	18.0	27.0

