

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117095.D
 Acq On : 17 Sep 2019 9:57
 Operator : HP/JU
 Sample : PB123116BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 17 17:50:51 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	67433	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	284476	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	150293	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	240029	20.00	ng	0.00
76) Chrysene-d12	13.97	240	142392	20.00	ng	0.00
87) Perylene-d12	15.43	264	112821	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	433463	100.36	ng	0.02
7) Phenol-d6	6.47	99	572031	102.48	ng	0.01
23) Nitrobenzene-d5	7.39	82	342524	63.26	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	131704	104.85	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	620549	64.56	ng	0.00
79) Terphenyl-d14	12.92	244	560607	73.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	68612	37.963	ng	97
3) Pyridine	3.41	79	167869	33.934	ng	97
4) n-Nitrosodimethylamine	3.36	42	63895	37.637	ng	# 99
6) Aniline	6.49	93	216622	30.142	ng	# 75
8) 2-Chlorophenol	6.62	128	192891	41.397	ng	97
9) Benzaldehyde	6.37	77	114691	41.468	ng	98
10) Phenol	6.48	94	241440	39.236	ng	95
11) bis(2-Chloroethyl)ether	6.56	93	175173	38.732	ng	98
12) 1,3-Dichlorobenzene	6.77	146	199409	38.138	ng	96
13) 1,4-Dichlorobenzene	6.84	146	203880	38.209	ng	99
14) 1,2-Dichlorobenzene	7.00	146	190689	38.384	ng	99
15) Benzyl Alcohol	6.97	79	177978	41.579	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	169537	37.942	ng	90
17) 2-Methylphenol	7.09	107	161419	41.335	ng	93
18) Hexachloroethane	7.33	117	80659	39.294	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	139374	41.005	ng	99
20) 3+4-Methylphenols	7.23	107	199560	41.026	ng	94
22) Acetophenone	7.23	105	281584	38.959	ng	99
24) Nitrobenzene	7.40	77	214646	40.145	ng	100
25) Isophorone	7.65	82	382943	39.947	ng	99
26) 2-Nitrophenol	7.72	139	100360	43.699	ng	96
27) 2,4-Dimethylphenol	7.76	122	169001	46.404	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	232915	39.435	ng	98
29) 2,4-Dichlorophenol	7.97	162	159449	41.783	ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	159269	38.631	ng	99
31) Naphthalene	8.13	128	551478	40.308	ng	98
32) Benzoic acid	7.89	122	77885	31.025	ng	98
33) 4-Chloroaniline	8.17	127	141989	23.399	ng	99
34) Hexachlorobutadiene	8.25	225	88724	37.931	ng	99
35) Caprolactam	8.55	113	33167	25.678	ng	92
36) 4-Chloro-3-methylphenol	8.66	107	184175	41.391	ng	99
37) 2-Methylnaphthalene	8.82	142	378020	41.031	ng	98
38) 1-Methylnaphthalene	8.92	142	350507	40.621	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	145579	37.511	ng	98

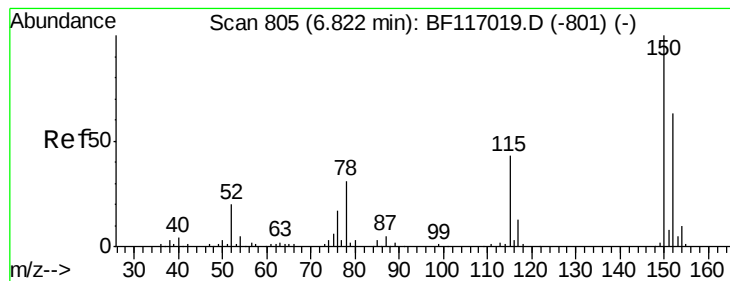
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117095.D
 Acq On : 17 Sep 2019 9:57
 Operator : HP/JU
 Sample : PB123116BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 17 17:50:51 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	130199	76.299	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	103054	39.128	ng	98
44) 2,4,5-Trichlorophenol	9.14	196	110711	39.344	ng	98
46) 1,1'-Biphenyl	9.28	154	450995	38.256	ng	98
47) 2-Chloronaphthalene	9.30	162	351918	37.824	ng	100
48) 2-Nitroaniline	9.40	65	111348	37.312	ng	94
49) Acenaphthylene	9.72	152	555545	39.858	ng	99
50) Dimethylphthalate	9.57	163	407965	38.337	ng	100
51) 2,6-Dinitrotoluene	9.64	165	91893	42.399	ng	93
52) Acenaphthene	9.89	154	316862	38.351	ng	98
53) 3-Nitroaniline	9.81	138	70306	25.711	ng	96
54) 2,4-Dinitrophenol	9.93	184	58127	64.162	ng	# 88
55) Dibenzofuran	10.06	168	484696	39.761	ng	99
56) 4-Nitrophenol	9.98	139	115866	65.377	ng	94
57) 2,4-Dinitrotoluene	10.05	165	119277	42.397	ng	95
58) Fluorene	10.40	166	392885	40.010	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	85744	39.819	ng	98
60) Diethylphthalate	10.27	149	412406	39.392	ng	97
61) 4-Chlorophenyl-phenylether	10.39	204	169370	39.865	ng	96
62) 4-Nitroaniline	10.42	138	102582	36.073	ng	97
63) Azobenzene	10.55	77	426287	39.867	ng	100
65) 4,6-Dinitro-2-methylphenol	10.46	198	44488	41.730	ng	82
66) n-Nitrosodiphenylamine	10.51	169	340546	41.081	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	96369	39.314	ng	95
68) Hexachlorobenzene	10.96	284	102036	38.057	ng	99
69) Atrazine	11.03	200	95292	46.660	ng	98
70) Pentachlorophenol	11.15	266	94698	75.351	ng	97
71) Phenanthrene	11.36	178	548151	40.206	ng	100
72) Anthracene	11.42	178	556912	40.011	ng	98
73) Carbazole	11.57	167	507806	38.436	ng	99
74) Di-n-butylphthalate	11.89	149	621448	39.534	ng	99
75) Fluoranthene	12.55	202	530145	37.845	ng	100
77) Benzidine	12.66	184	233695	50.949	ng	99
78) Pyrene	12.77	202	529678	44.333	ng	99
80) Butylbenzylphthalate	13.39	149	238110	42.177	ng	96
81) Benzo(a)anthracene	13.96	228	368732	38.759	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	83325	27.180	ng	99
83) Chrysene	14.00	228	367626	39.621	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	304407	41.820	ng	100
85) Di-n-octyl phthalate	14.56	149	467563	40.811	ng	100
86) Indeno(1,2,3-cd)pyrene	16.87	276	273666	40.427	ng	98
88) Benzo(b)fluoranthene	15.01	252	296572	43.397	ng	99
89) Benzo(k)fluoranthene	15.04	252	258726	39.966	ng	99
90) Benzo(a)pyrene	15.37	252	259138	43.212	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	229914	48.126	ng	97
92) Benzo(g,h,i)perylene	17.31	276	226757	47.632	ng	97

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

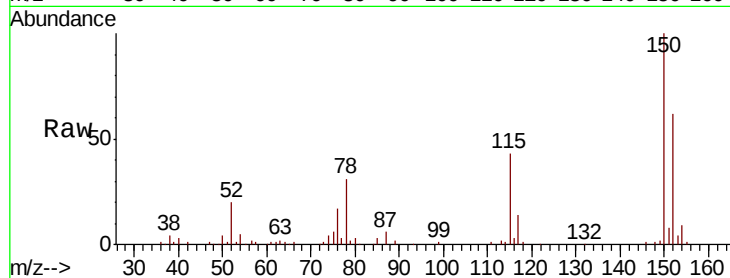


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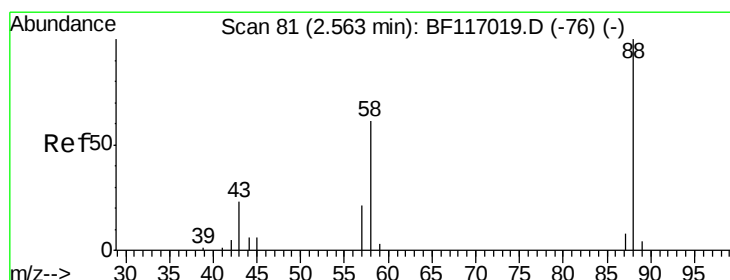
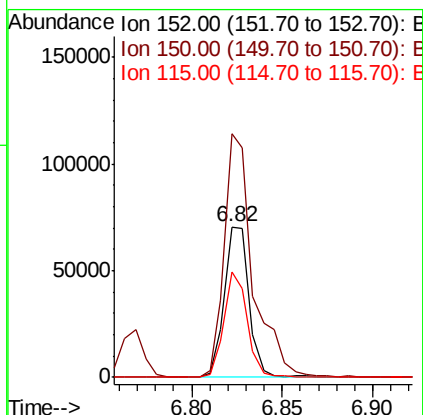
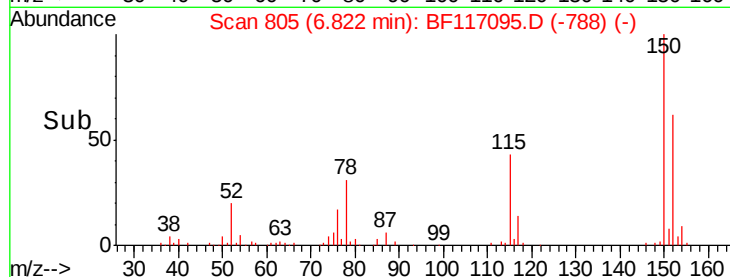
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67433
Ion Ratio Lower Upper
152 100
150 161.7 127.5 191.3
115 70.1 55.0 82.4



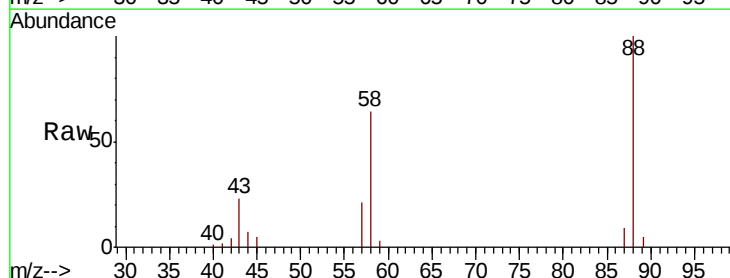
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



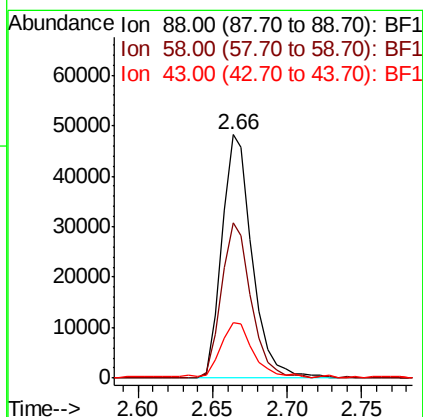
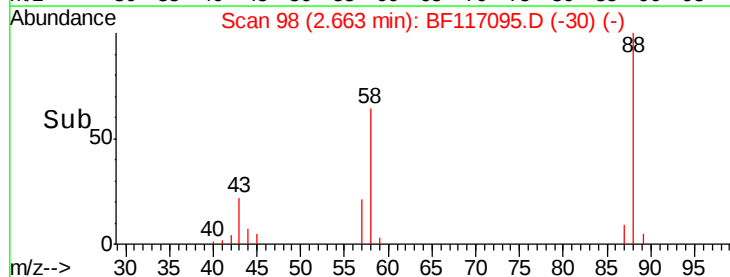
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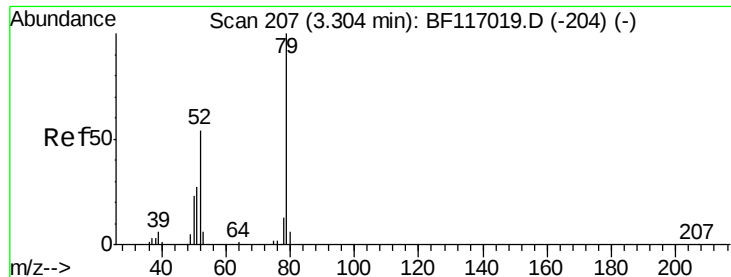
1,4-Dioxane
Concen: 37.963 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.10 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Tgt Ion: 88 Resp: 68612
Ion Ratio Lower Upper
88 100
58 62.8 49.3 73.9
43 26.1 18.8 28.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.934 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.11 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

Instrument :

BNA_F

ClientSampleId :

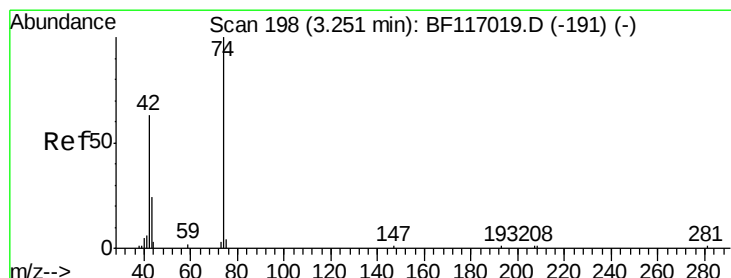
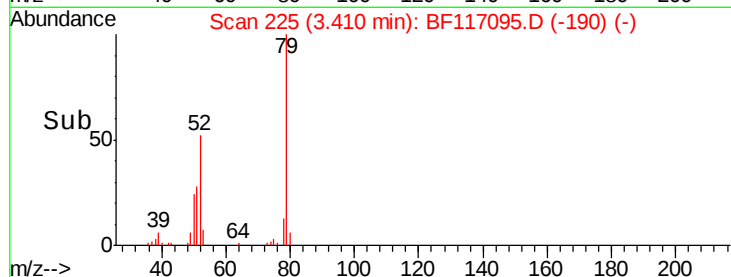
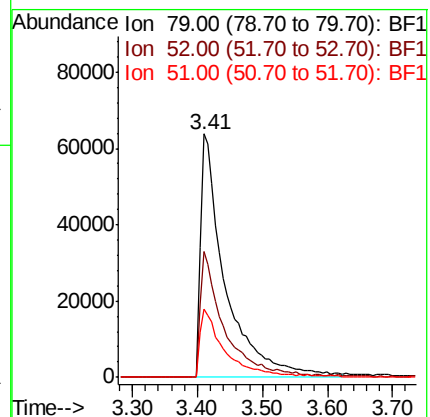
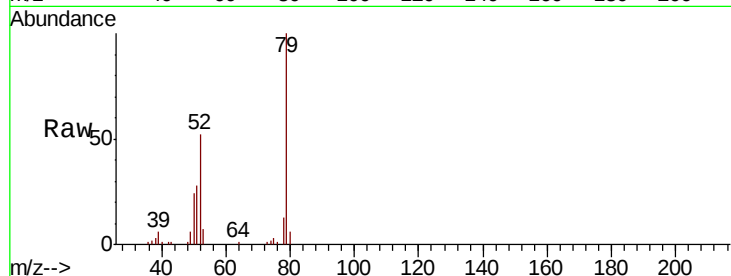
Tot Ion: 79 Resp: 167869

Ion Ratio Lower Upper

79 100

52 51.9 43.5 65.3

51 27.9 21.8 32.6



#4

n-Nitrosodimethylamine

Concen: 37.637 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.11 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

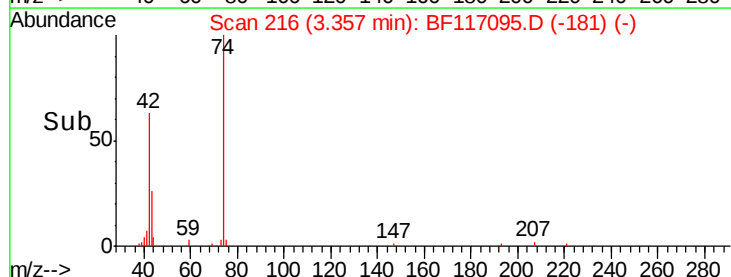
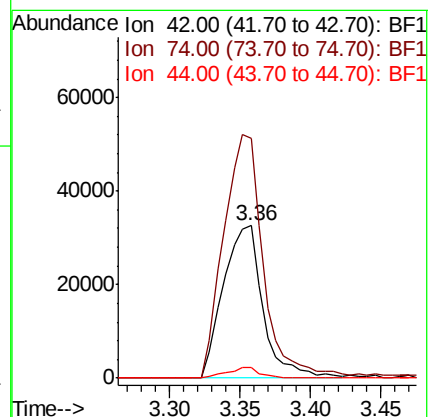
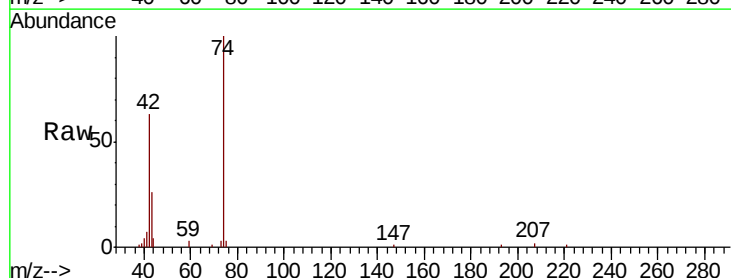
Tgt Ion: 42 Resp: 63895

Ion Ratio Lower Upper

42 100

74 157.5 127.1 190.7

44 6.6 4.3 6.5#





#5

2-Fluorophenol

Concen: 100.358 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF117095.D

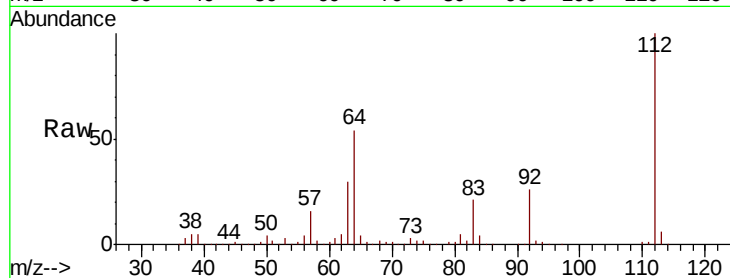
Acq: 17 Sep 2019 9:57

Instrument :

BNA_F

ClientSampled :

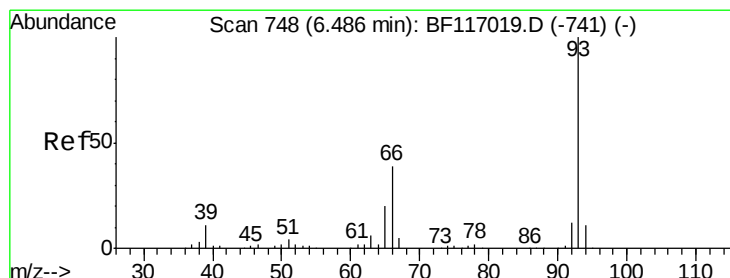
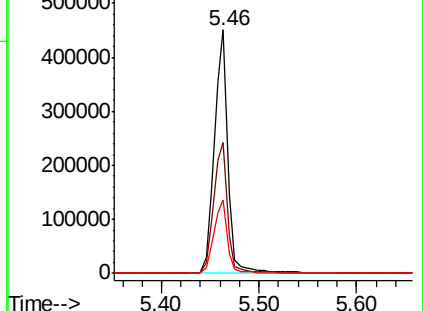
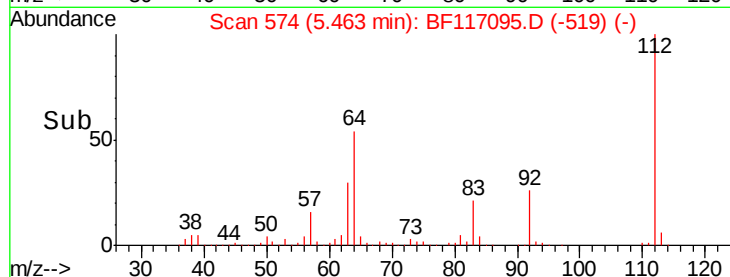
Tot Ion:	112	Resp:	433463
Ion	Ratio	Lower	Upper
112	100		
64	54.1	45.7	68.5
63	30.0	24.9	37.3



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: 30.142 ng

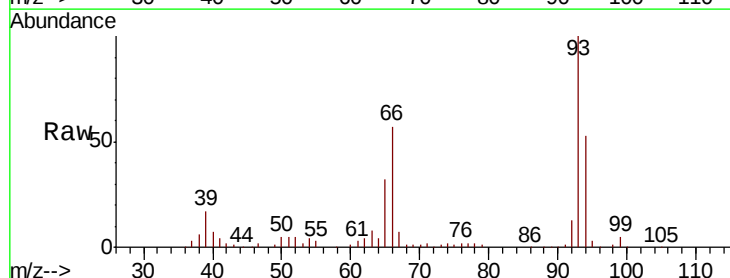
RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

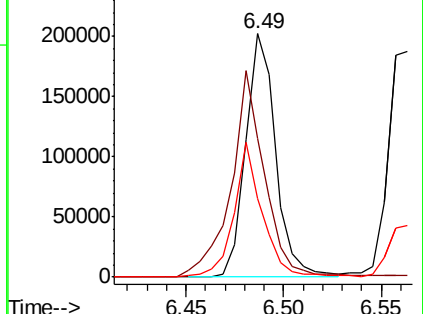
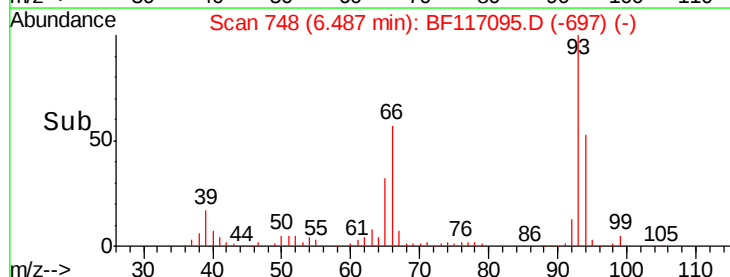
Tgt Ion:	93	Resp:	216622
Ion	Ratio	Lower	Upper
93	100		
66	56.8	32.6	49.0#
65	32.1	16.7	25.1#

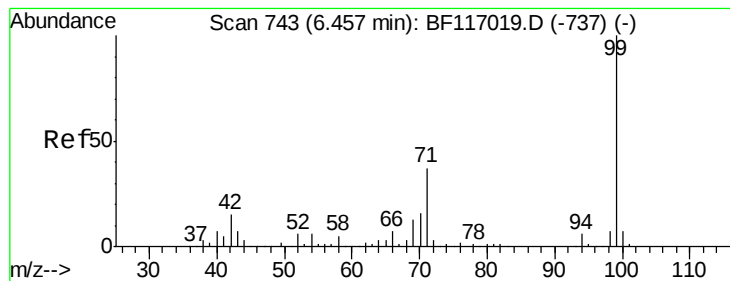


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 102.479 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

Instrument :

BNA_F

ClientSampleId :

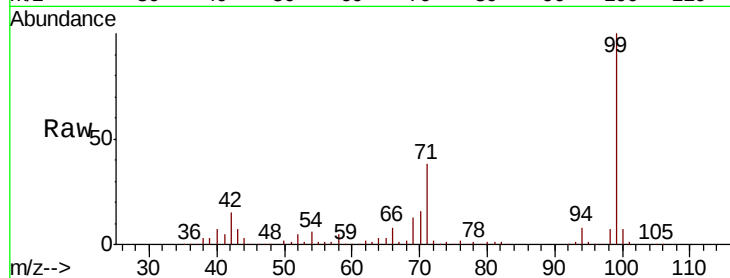
Tot Ion: 99 Resp: 572031

Ion Ratio Lower Upper

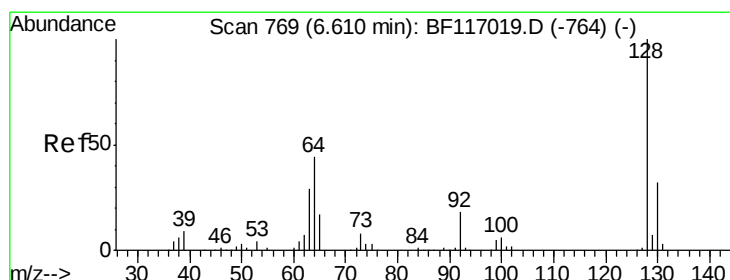
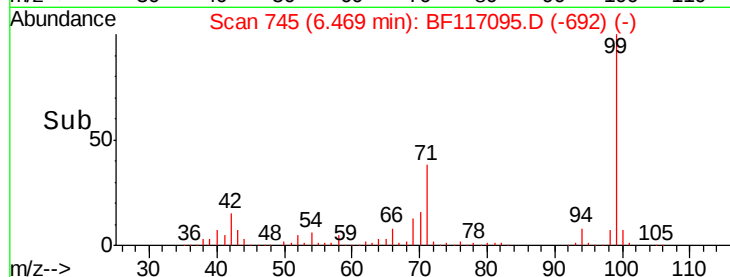
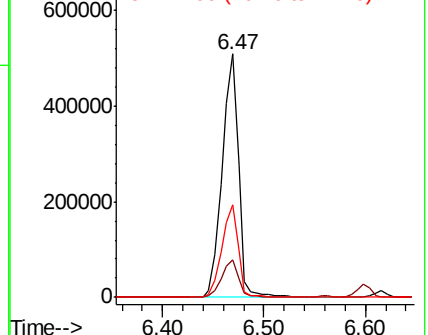
99 100

42 15.4 12.2 18.2

71 38.2 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: 41.397 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

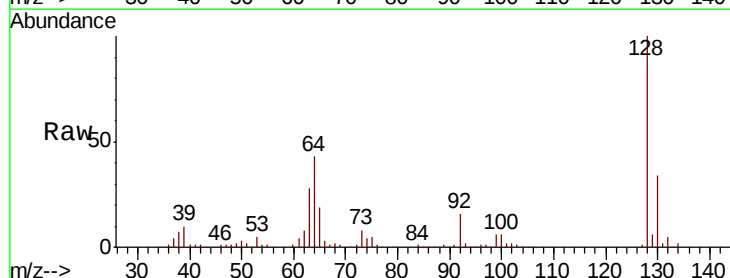
Tgt Ion: 128 Resp: 192891

Ion Ratio Lower Upper

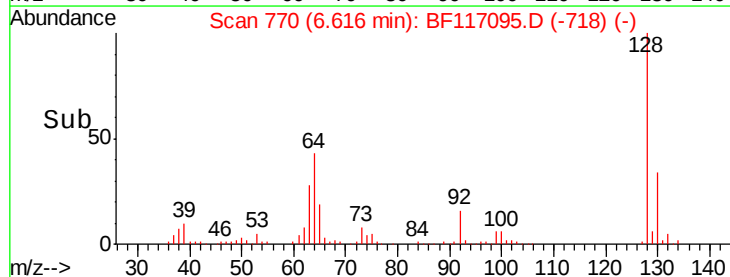
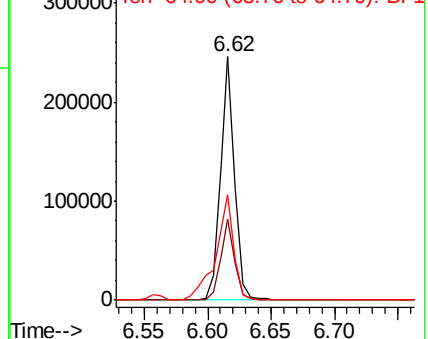
128 100

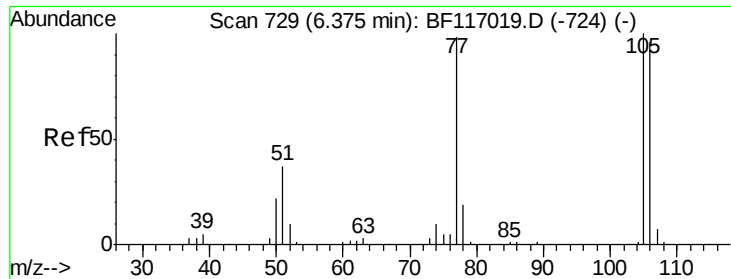
130 33.5 11.8 51.8

64 43.2 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: 41.468 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

Instrument :
BNA_F
ClientSampleId :

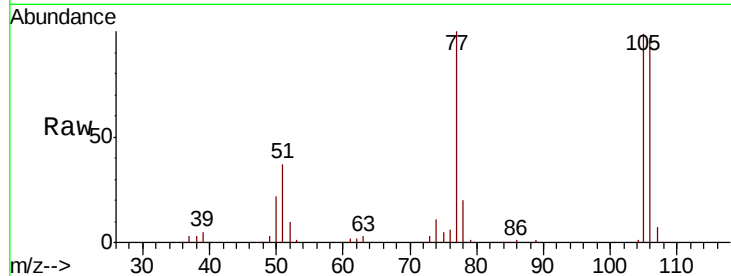
Tot Ion: 77 Resp: 114691

Ion Ratio Lower Upper

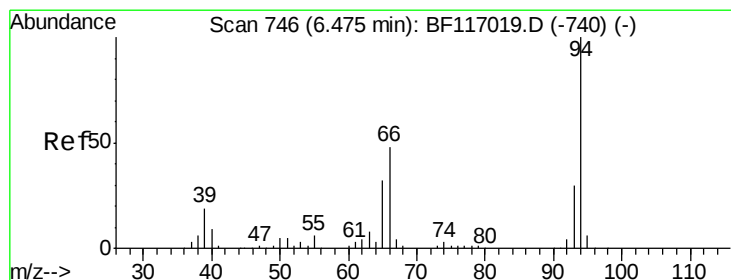
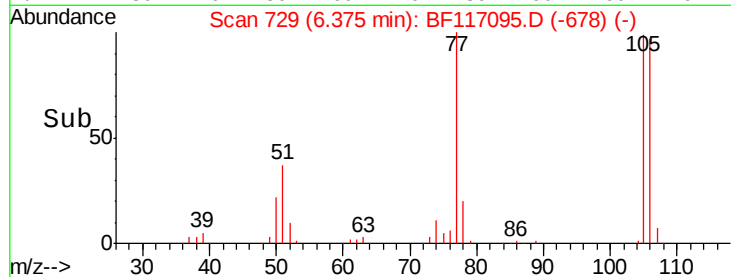
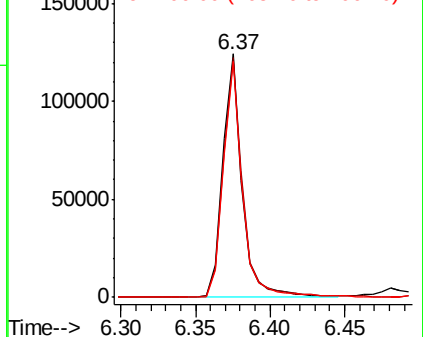
77 100

105 98.7 81.8 121.8

106 96.9 77.3 117.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.236 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

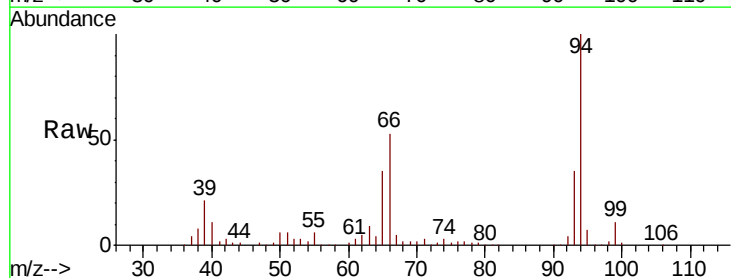
Tgt Ion: 94 Resp: 241440

Ion Ratio Lower Upper

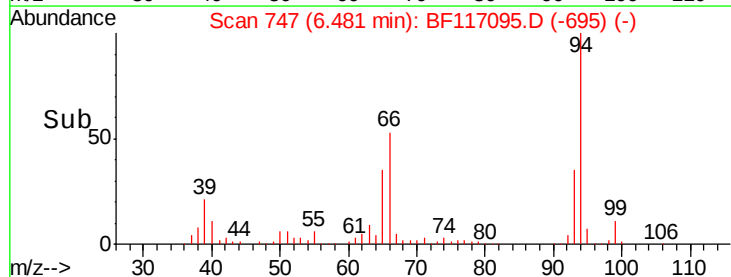
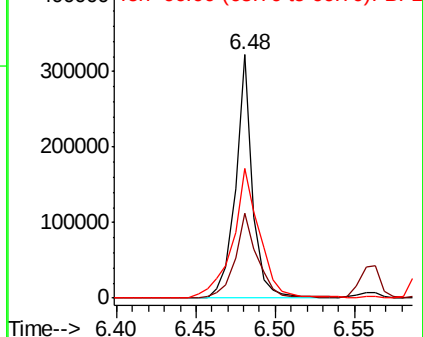
94 100

65 34.8 12.5 52.5

66 53.2 28.9 68.9



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

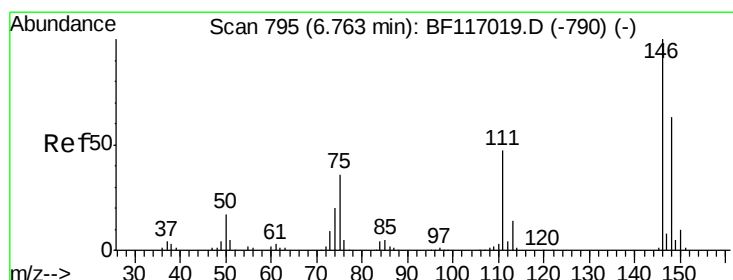
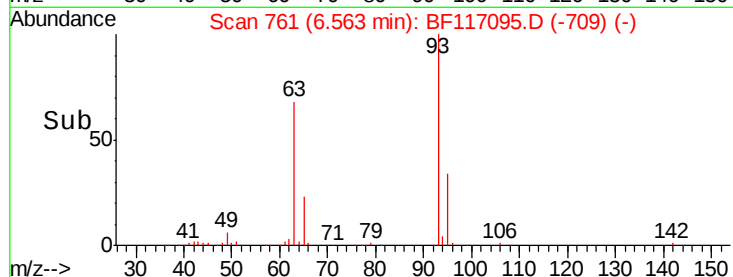
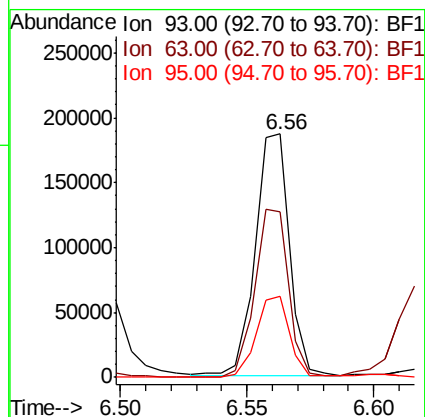
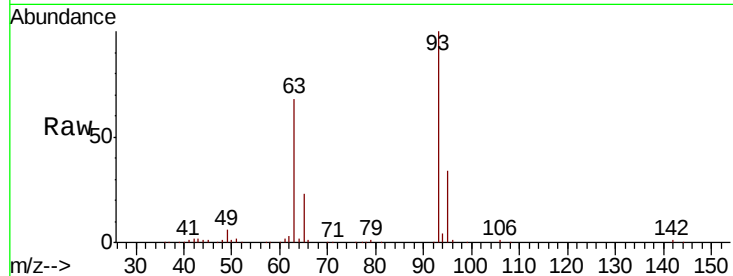




#11
bis(2-Chloroethyl)ether
Concen: 38.732 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

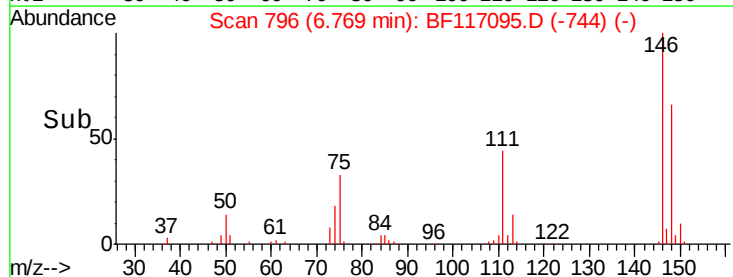
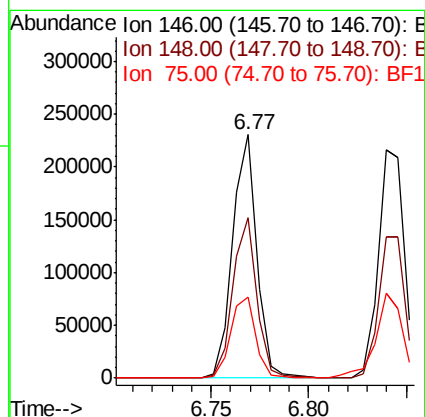
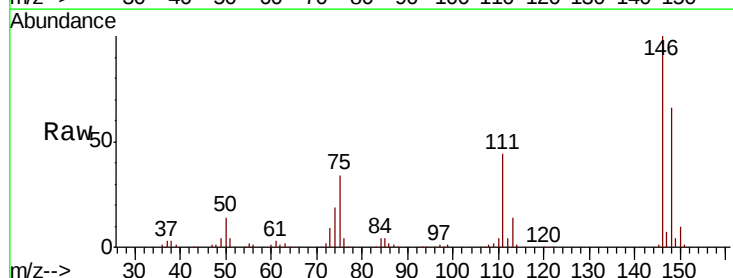
Instrument :
BNA_F
ClientSampleId :

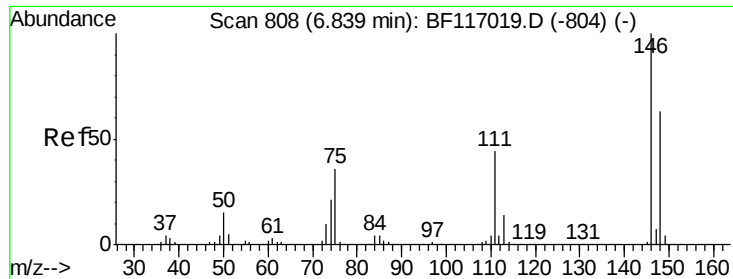
Tot Ion	Ratio	Lower	Upper
93	100		
63	68.2	49.3	89.3
95	33.5	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 38.138 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.8	76.2
75	33.5	28.7	43.1

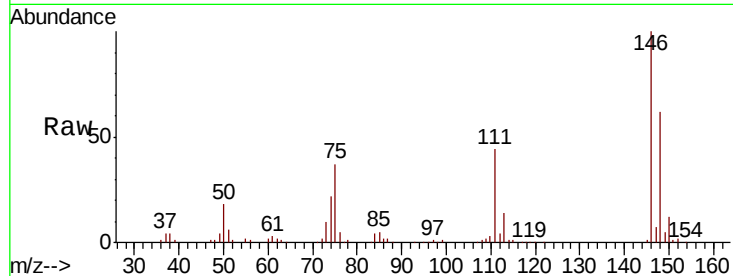




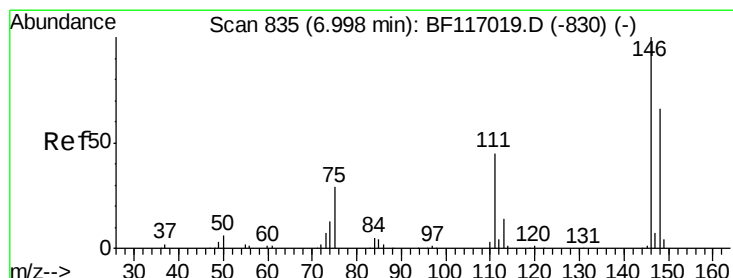
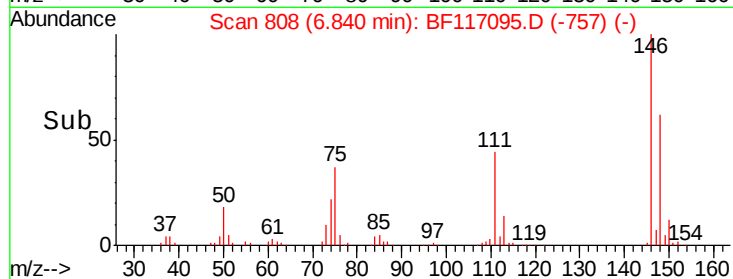
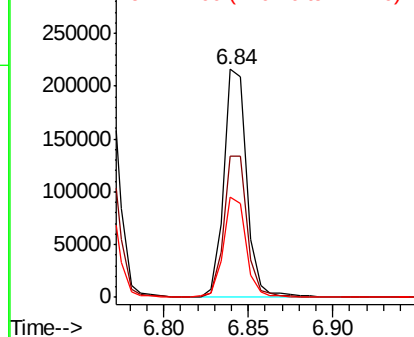
#13
1,4-Dichlorobenzene
Concen: 38.209 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146 Resp: 203880
Ion Ratio Lower Upper
146 100
148 62.0 50.6 76.0
111 44.1 35.0 52.6

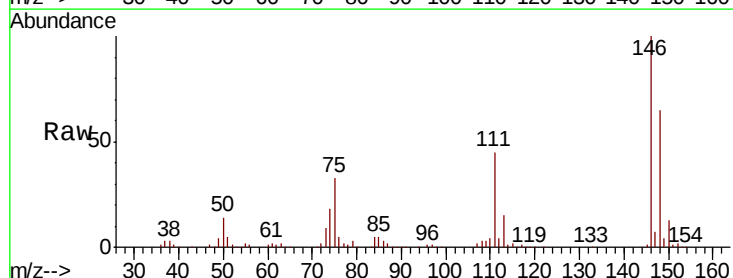


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

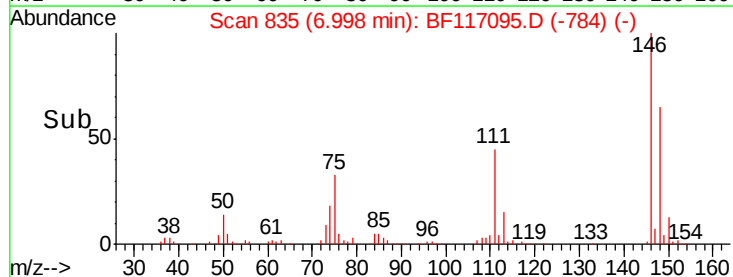
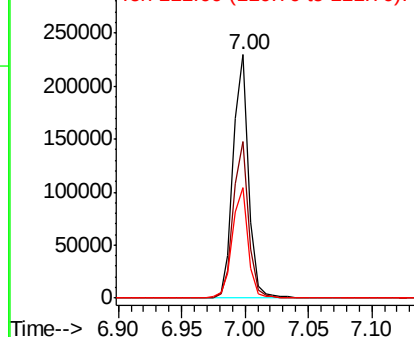


#14
1,2-Dichlorobenzene
Concen: 38.384 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Tgt Ion:146 Resp: 190689
Ion Ratio Lower Upper
146 100
148 64.6 52.6 78.8
111 45.2 36.2 54.2



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





#15

Benzyl Alcohol

Concen: 41.579 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

Instrument :

BNA_F

ClientSampled :

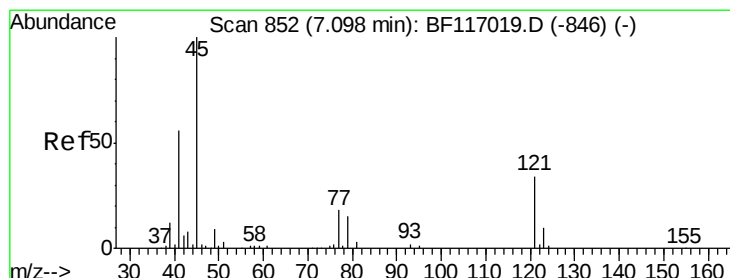
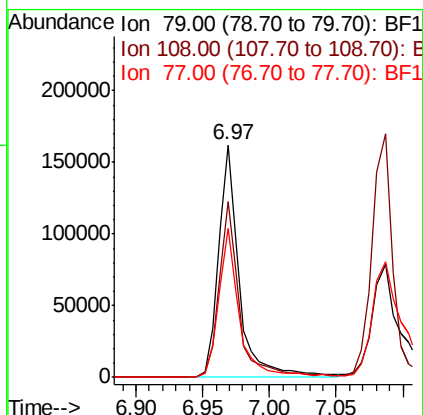
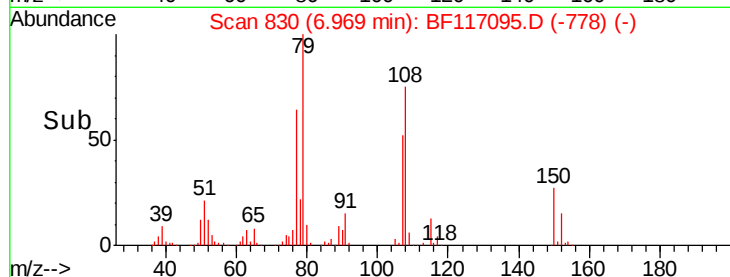
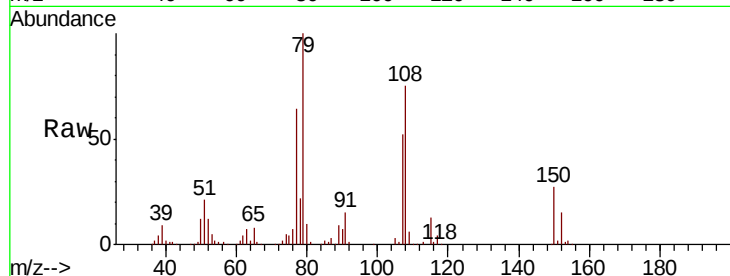
Tot Ion: 79 Resp: 177978

Ion Ratio Lower Upper

79 100

108 75.5 59.4 89.0

77 63.8 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.942 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

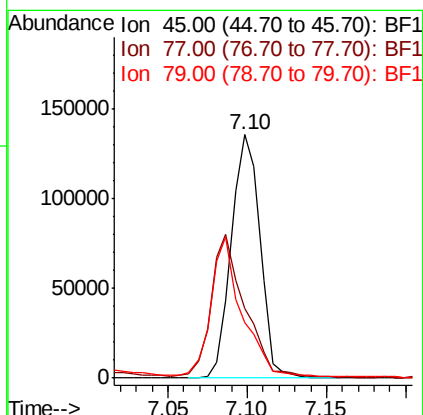
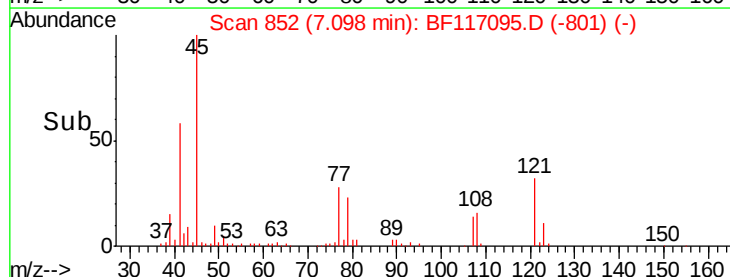
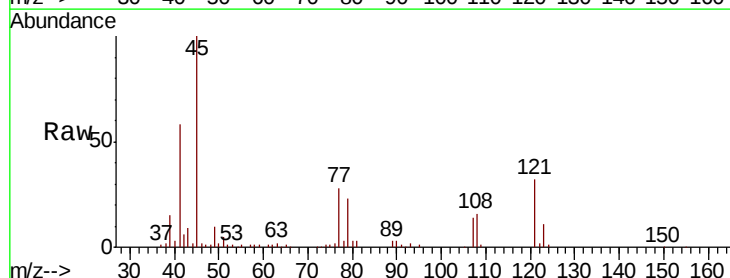
Tgt Ion: 45 Resp: 169537

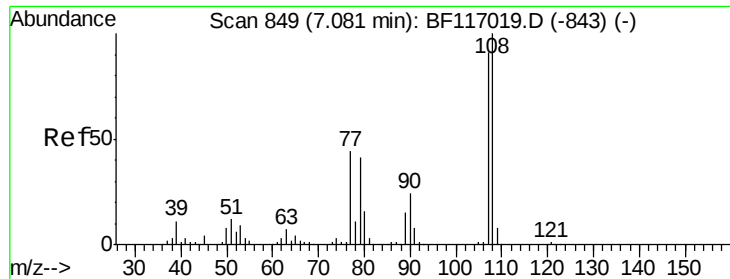
Ion Ratio Lower Upper

45 100

77 28.3 2.7 42.7

79 22.6 0.0 38.9

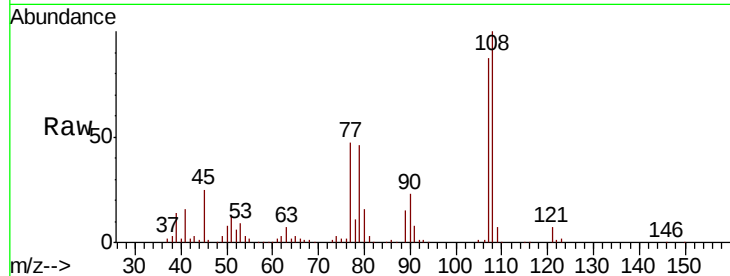




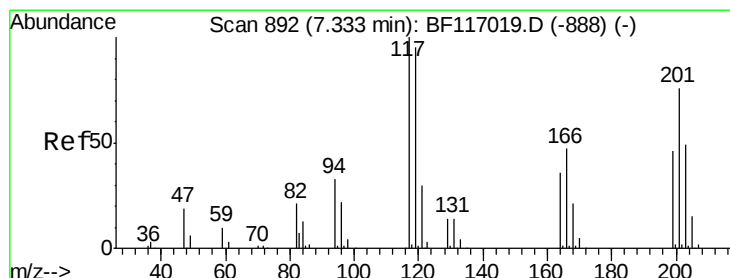
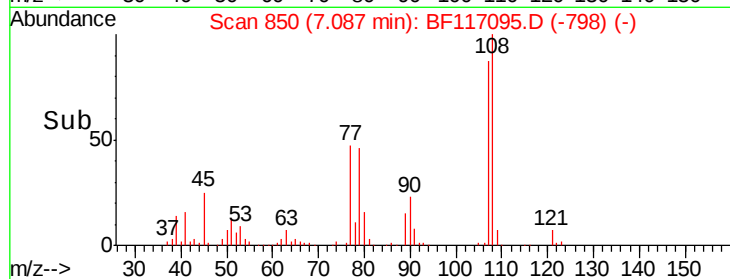
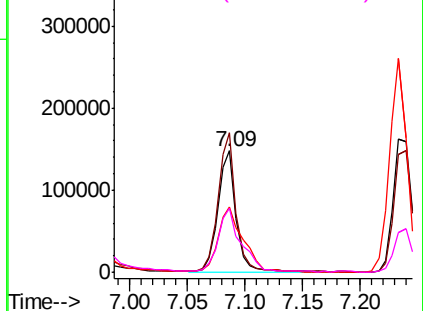
#17
2-Methylphenol
Concen: 41.335 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	161419
Ion	Ratio	Lower	Upper
107	100		
108	114.8	87.7	131.5
77	54.3	38.6	58.0
79	53.1	36.8	55.2

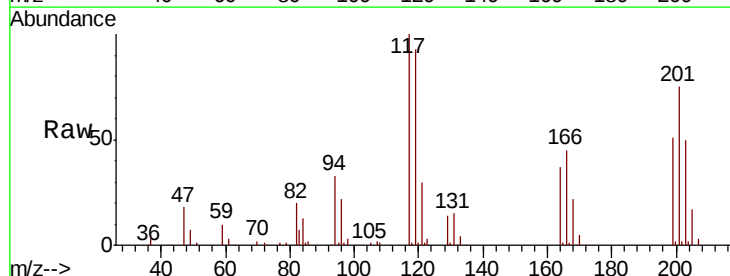


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

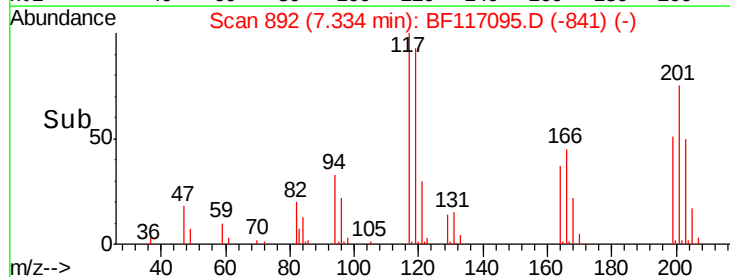
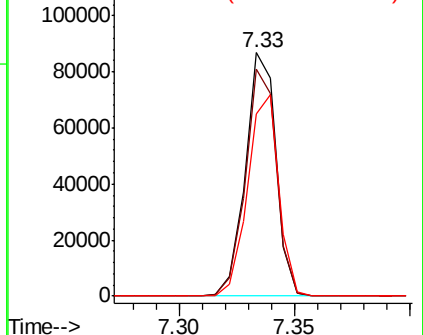


#18
Hexachloroethane
Concen: 39.294 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Tgt Ion:	117	Resp:	80659
Ion	Ratio	Lower	Upper
117	100		
119	93.3	75.8	113.8
201	74.8	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

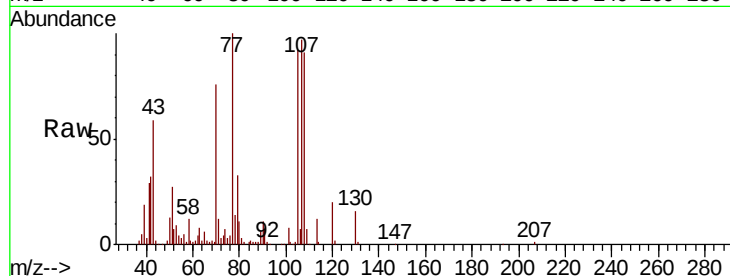




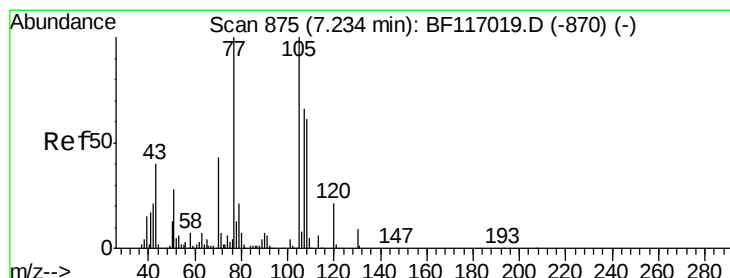
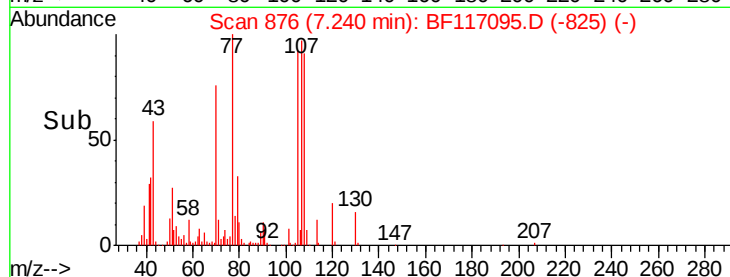
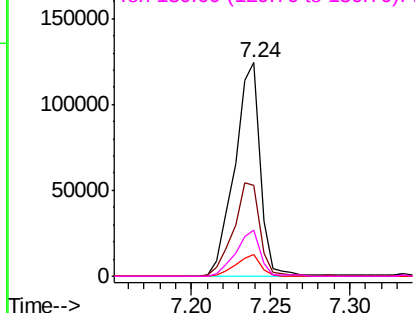
#19
n-Nitroso-di-n-propylamine
Concen: 41.005 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 139374
Ion Ratio Lower Upper
70 100
42 42.7 34.0 51.0
101 9.9 7.8 11.6
130 21.4 17.8 26.8

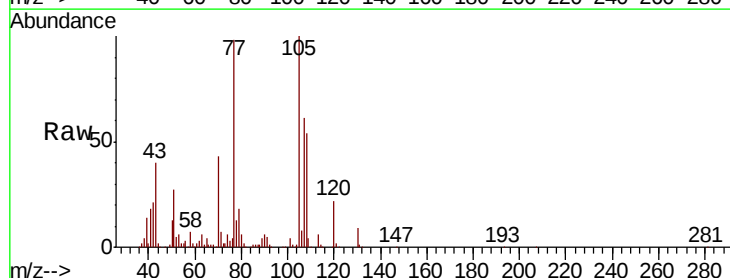


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

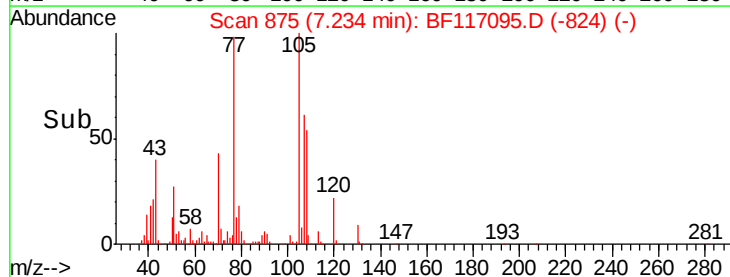
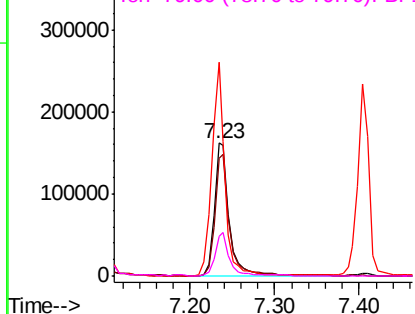


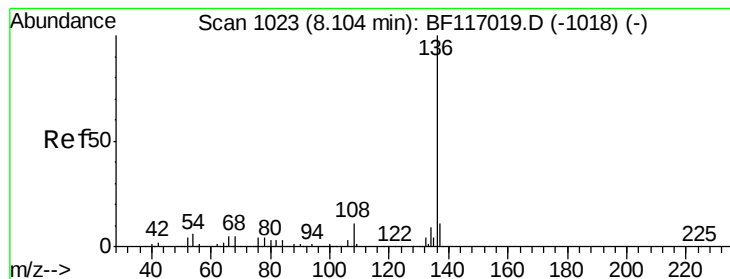
#20
3+4-Methylphenols
Concen: 41.026 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Tgt Ion: 107 Resp: 199560
Ion Ratio Lower Upper
107 100
108 88.8 72.6 112.6
77 161.1 132.1 172.1
79 30.0 12.1 52.1



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 284476

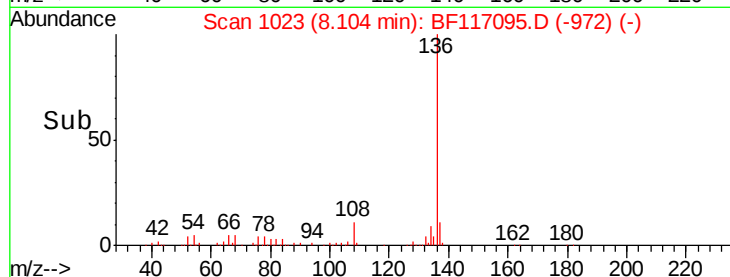
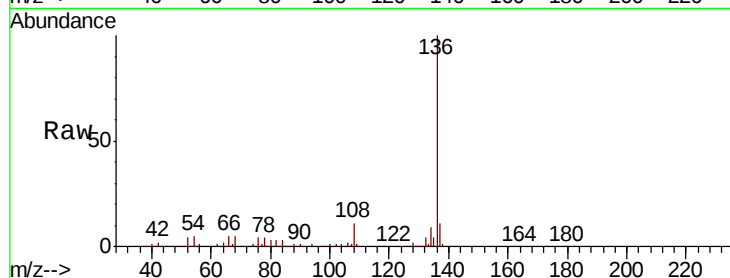
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 5.4 4.5 6.7

68 4.6 4.0 6.0

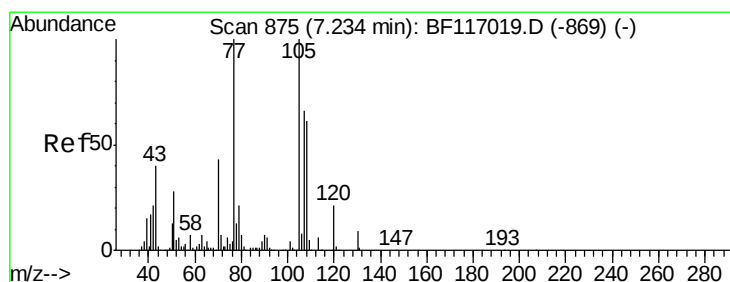
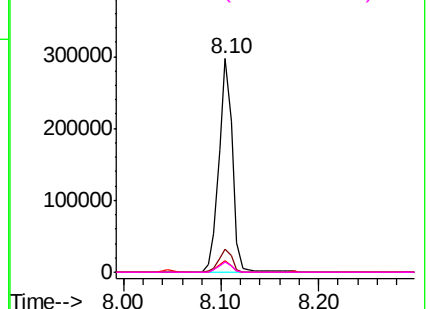


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.959 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

Tgt Ion:105 Resp: 281584

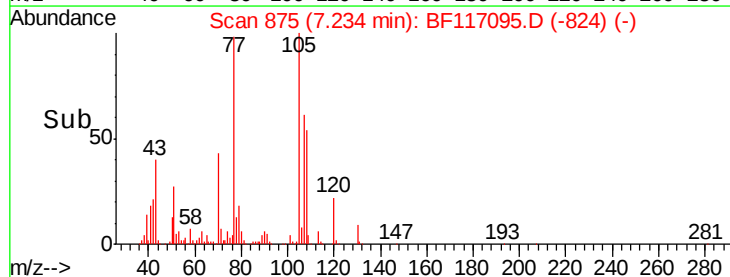
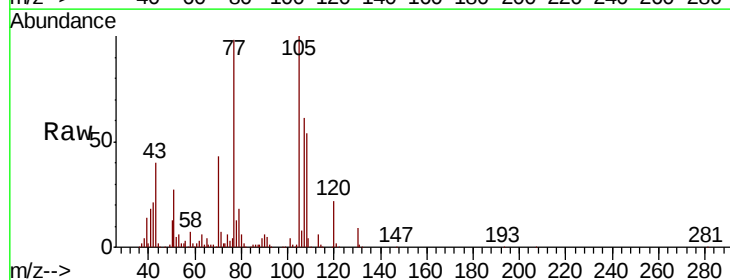
Ion Ratio Lower Upper

105 100

71 6.7 5.7 8.5

51 27.2 22.1 33.1

120 21.7 17.1 25.7

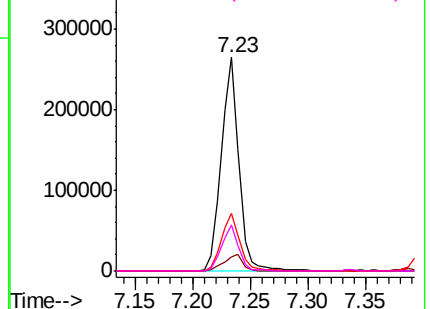


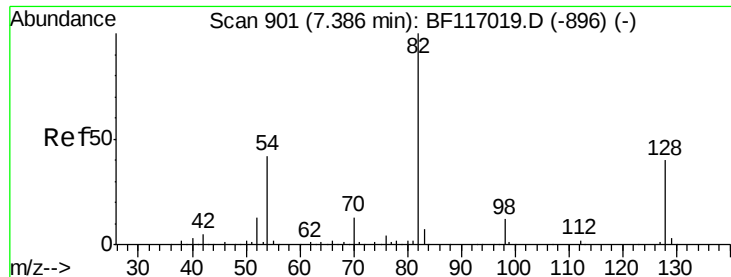
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

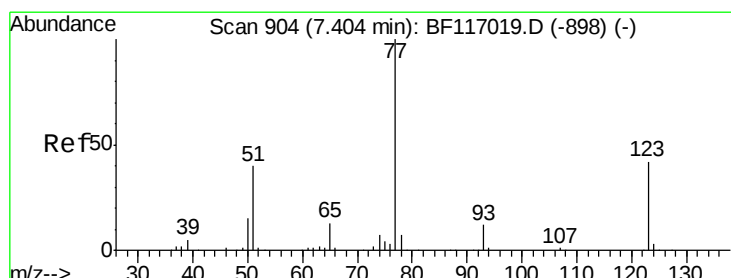
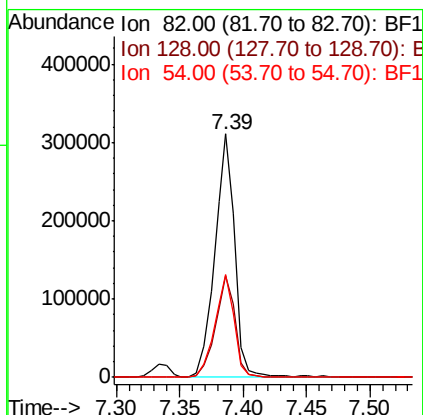
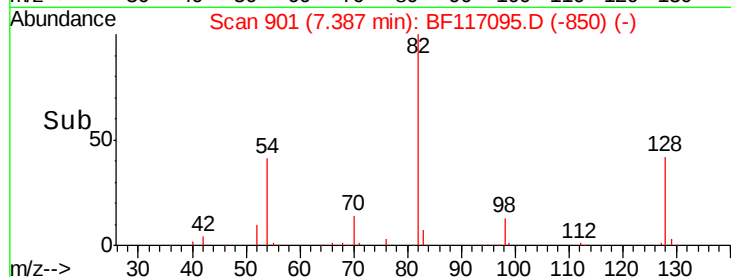
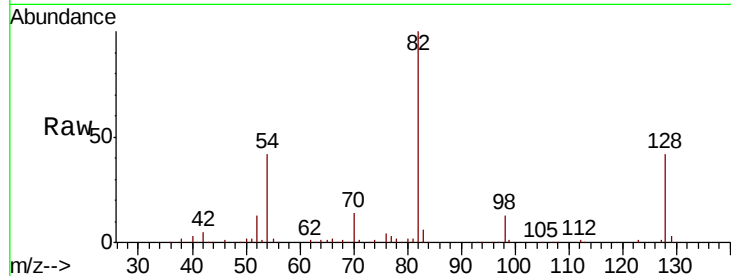




#23
Nitrobenzene-d5
Concen: 63.264 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

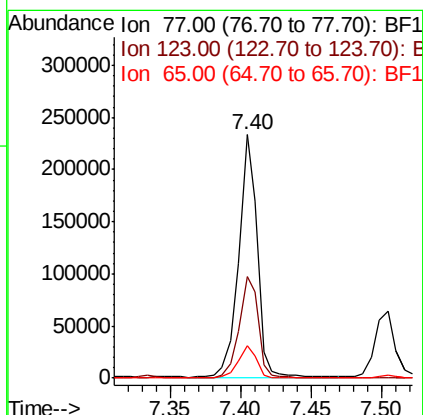
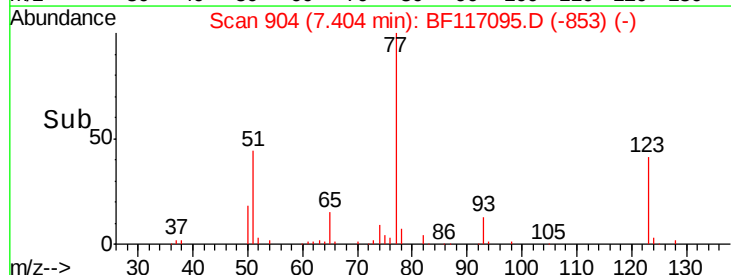
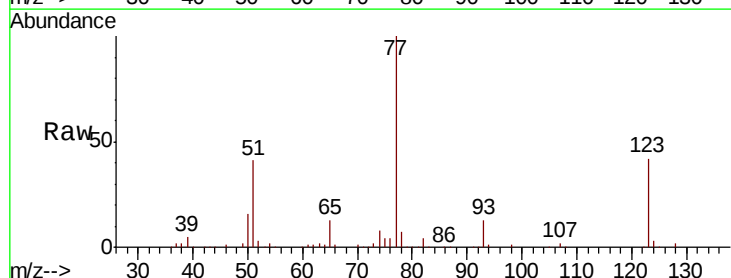
Instrument :
BNA_F
ClientSampleId :

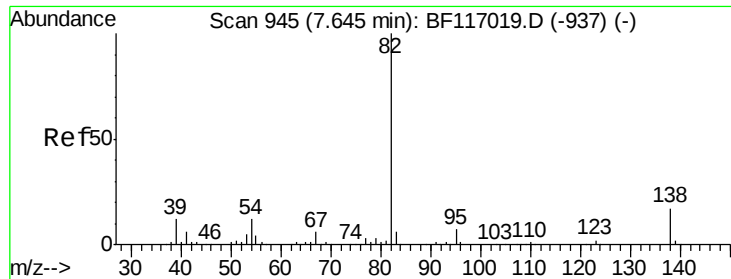
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.3	48.5
54	42.5	33.3	49.9



#24
Nitrobenzene
Concen: 40.145 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.6	33.5	50.3
65	13.2	10.5	15.7





#25

Isophorone

Concen: 39.947 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

Instrument :
BNA_F
ClientSampleId :

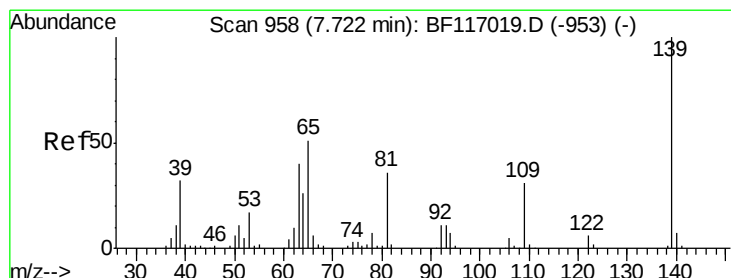
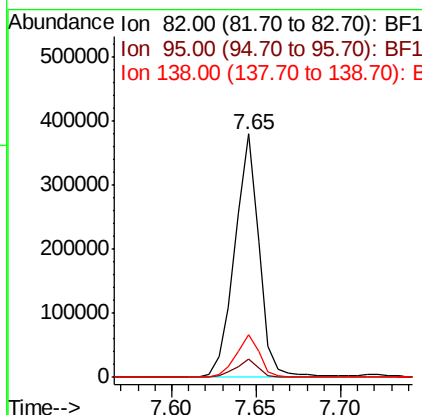
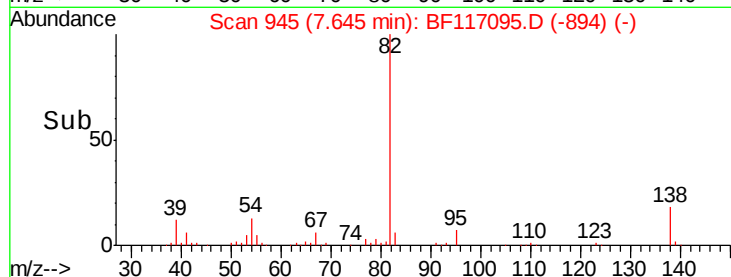
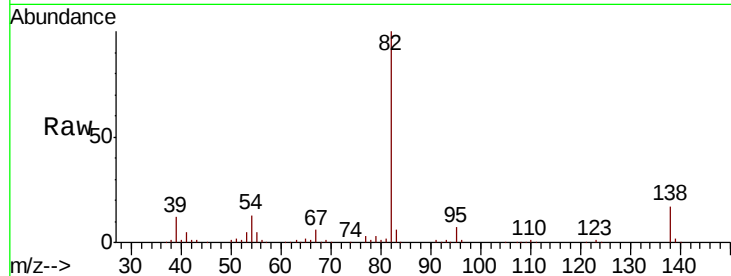
Tot Ion: 82 Resp: 382943

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

138 17.4 13.5 20.3



#26

2-Nitrophenol

Concen: 43.699 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

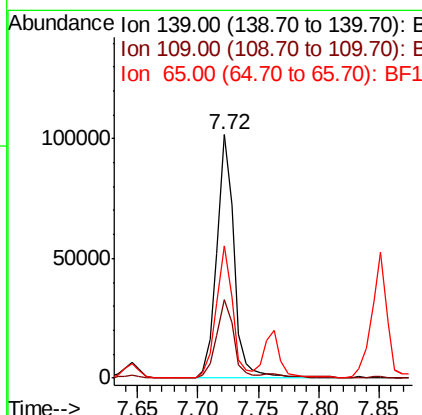
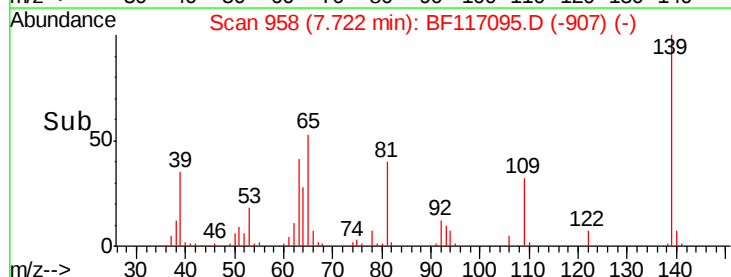
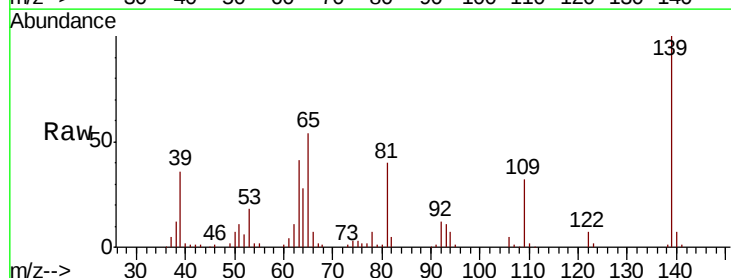
Tgt Ion: 139 Resp: 100360

Ion Ratio Lower Upper

139 100

109 32.3 24.6 36.8

65 54.1 40.9 61.3

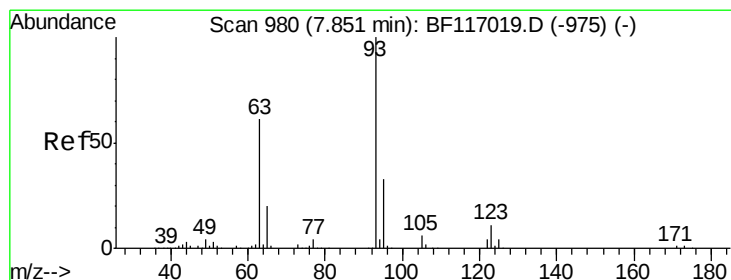
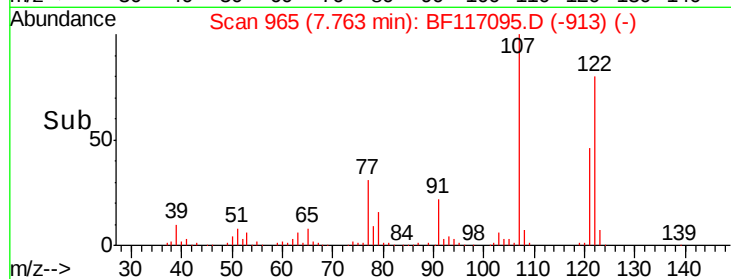
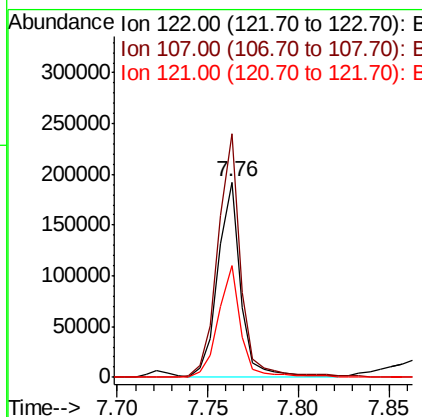
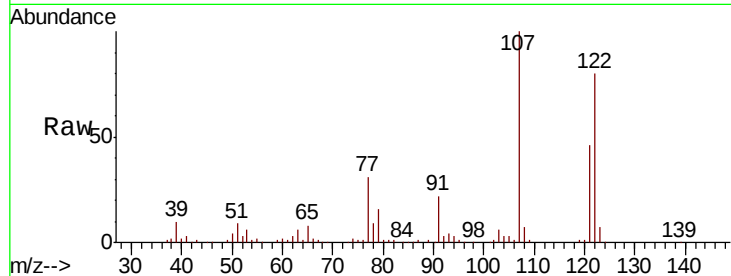




#27
 2,4-Dimethylphenol
 Concen: 46.404 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: BF117095.D
 Acq: 17 Sep 2019 9:57

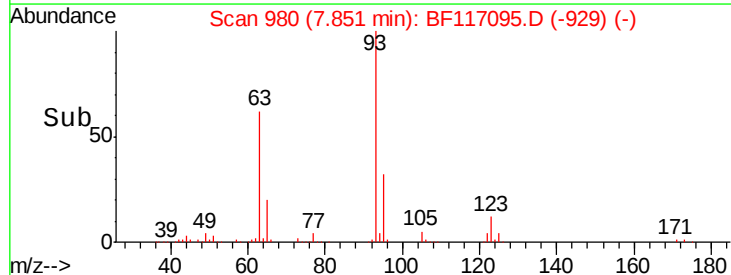
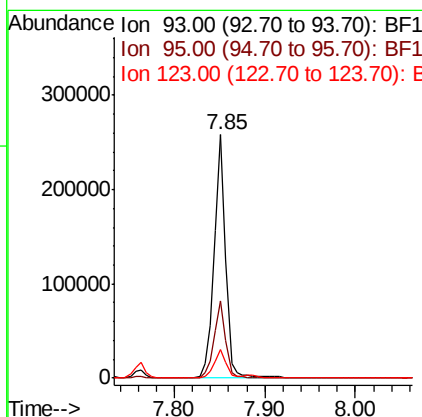
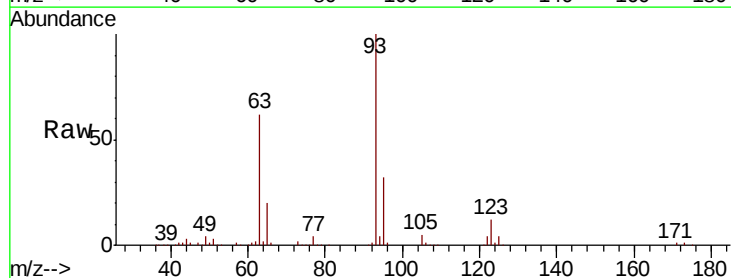
Instrument :
 BNA_F
 ClientSampleId :

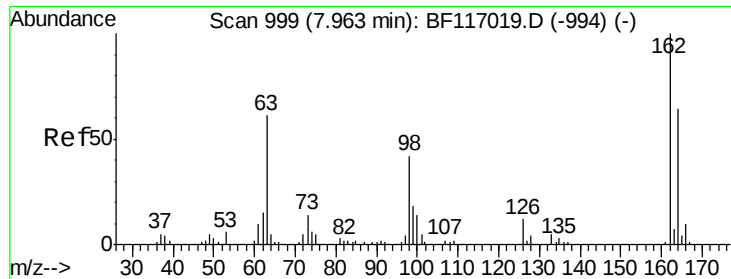
Tot Ion:122 Resp: 169001
 Ion Ratio Lower Upper
 122 100
 107 124.6 98.9 148.3
 121 57.2 45.3 67.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.435 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF117095.D
 Acq: 17 Sep 2019 9:57

Tgt Ion: 93 Resp: 232915
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.2 39.4
 123 11.6 9.0 13.6

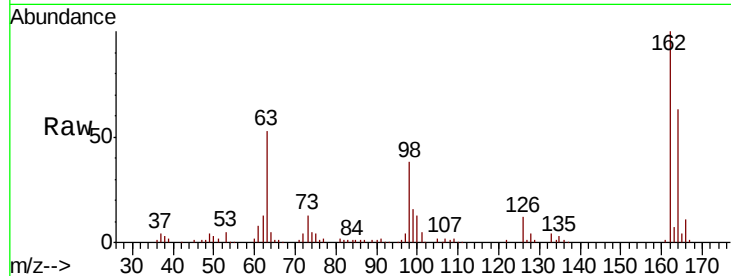




#29
 2,4-Dichlorophenol
 Concen: 41.783 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF117095.D
 Acq: 17 Sep 2019 9:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	43.8	83.8
98	37.6	22.1	62.1

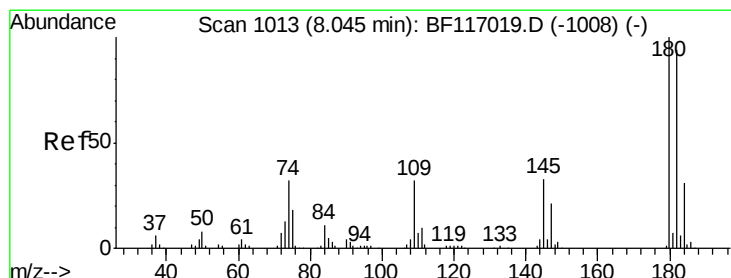
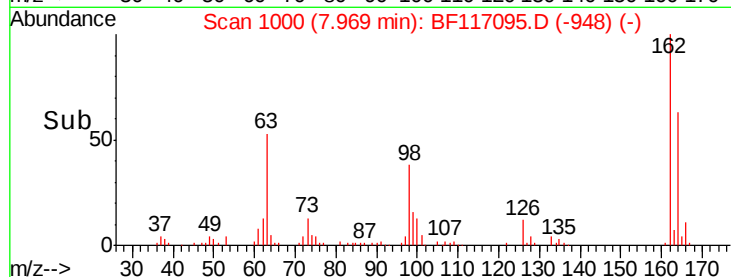
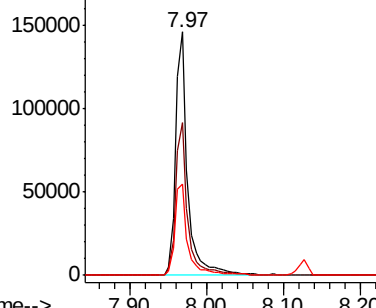


Abundance

Ion 162.00 (161.70 to 162.70): E

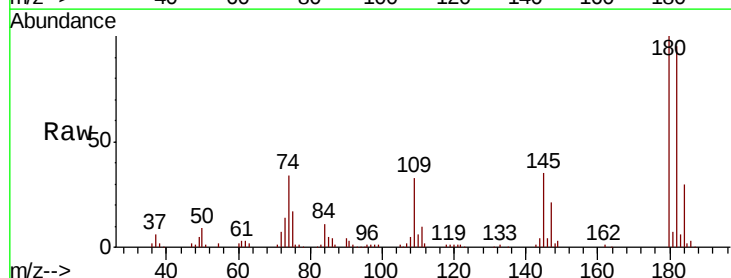
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.631 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117095.D
 Acq: 17 Sep 2019 9:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.4	113.0
145	34.6	26.7	40.1

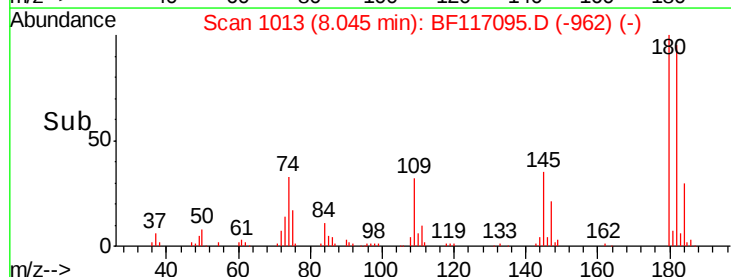
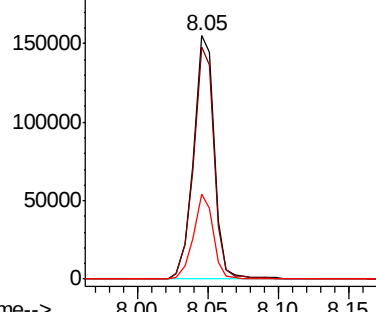


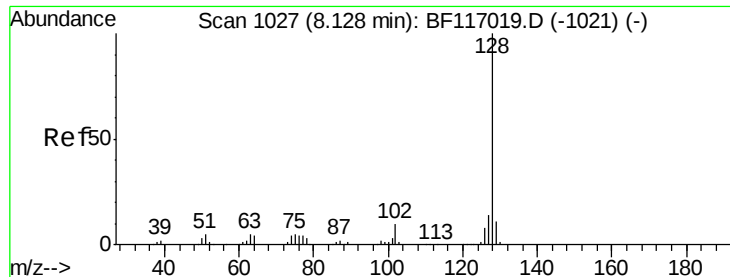
Abundance

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

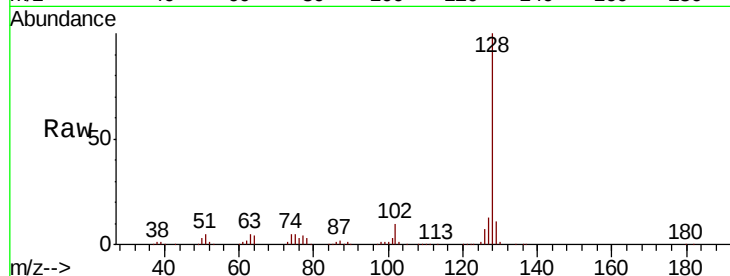




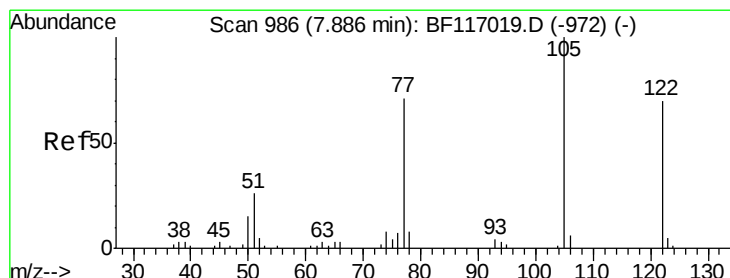
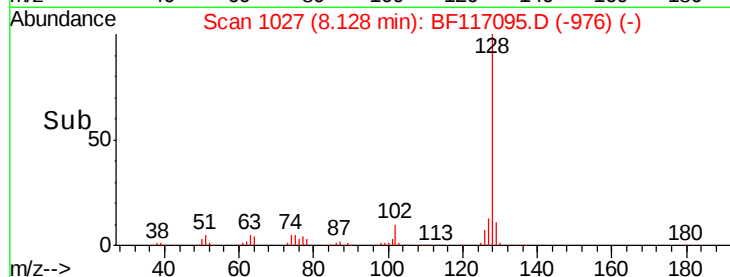
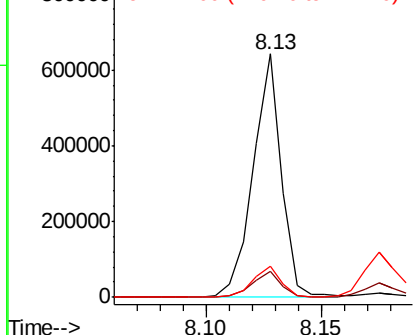
#31
Naphthalene
Concen: 40.308 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 551478
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 12.6 10.8 16.2

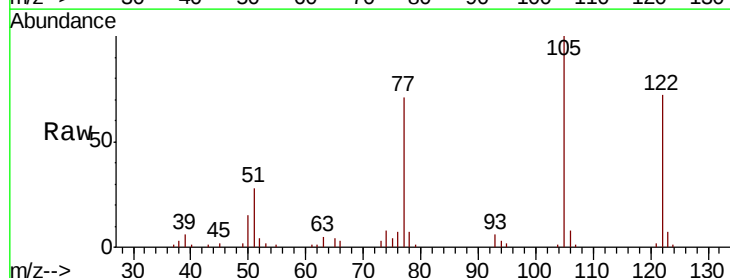


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

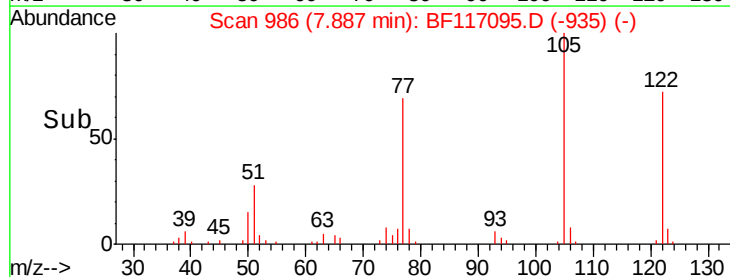
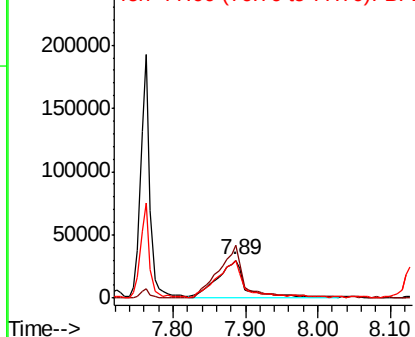


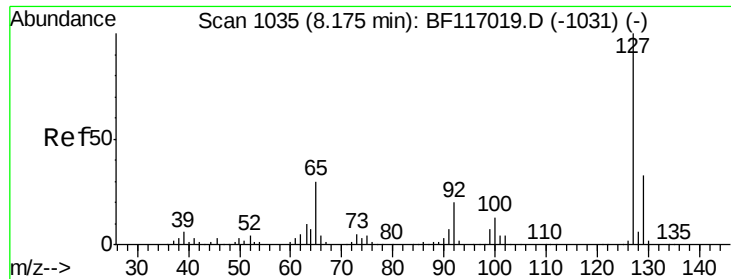
#32
Benzoic acid
Concen: 31.025 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Tgt Ion:122 Resp: 77885
Ion Ratio Lower Upper
122 100
105 138.2 114.8 154.8
77 97.7 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

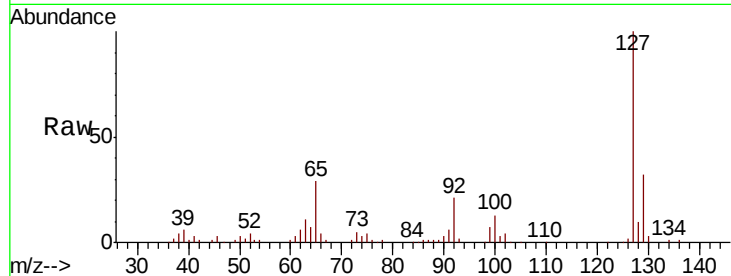




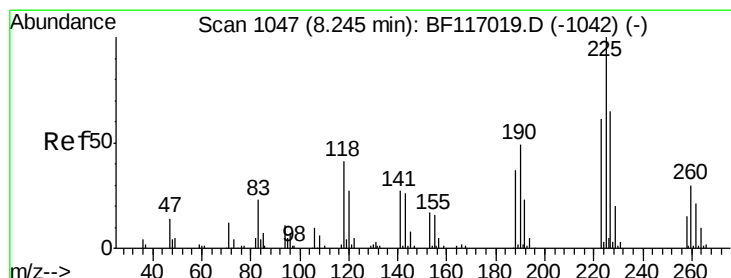
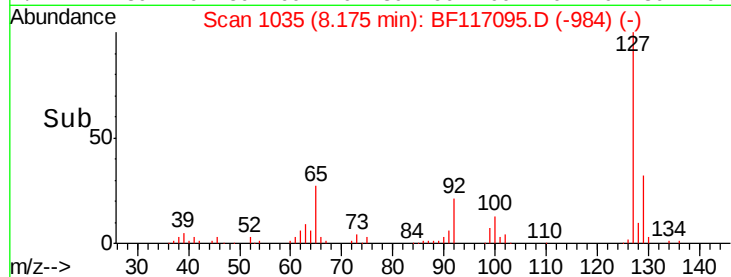
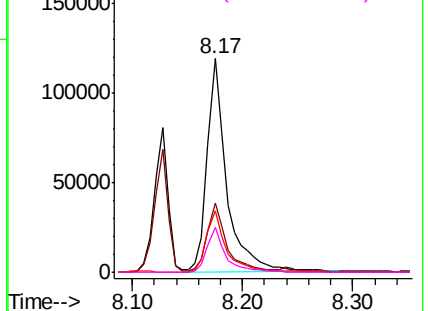
#33
4-Chloroaniline
Concen: 23.399 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	141989
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	28.9	23.5	35.3
92	21.2	15.9	23.9

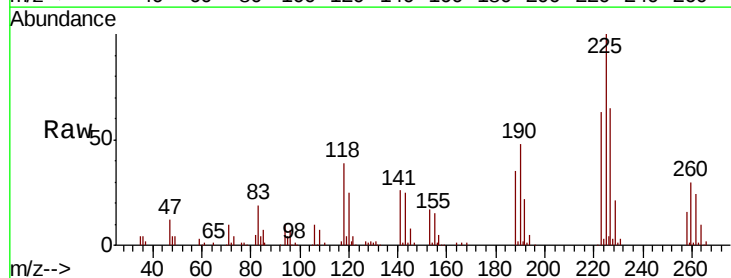


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

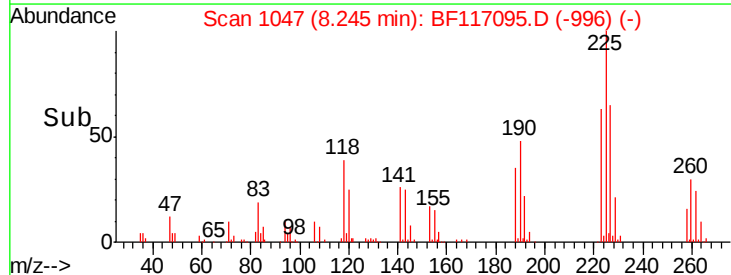
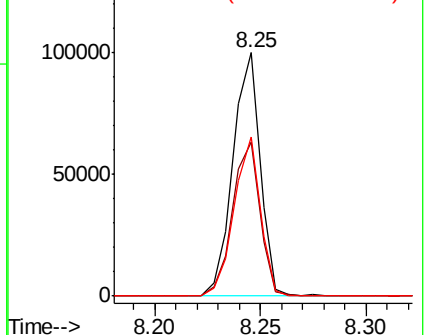


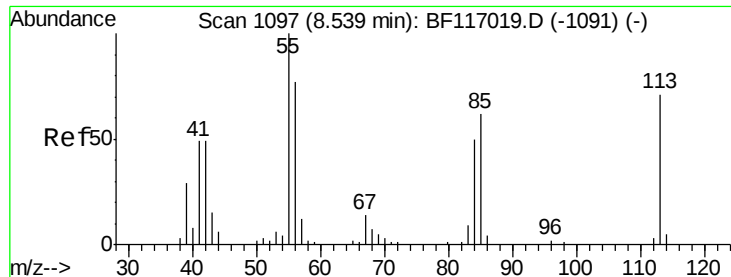
#34
Hexachlorobutadiene
Concen: 37.931 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Tgt Ion:	225	Resp:	88724
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.1	73.7
227	65.3	52.2	78.2



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

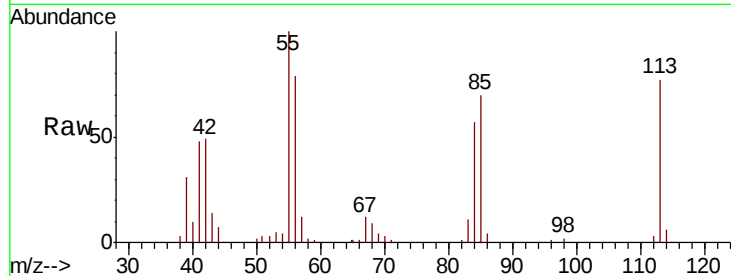




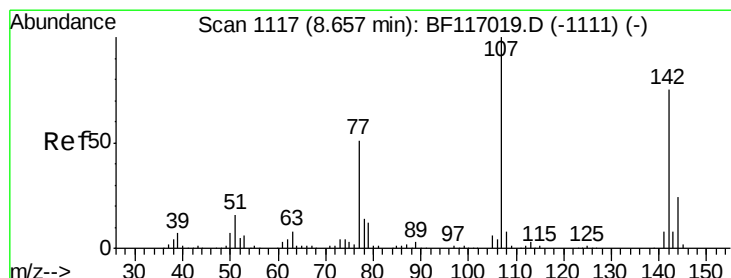
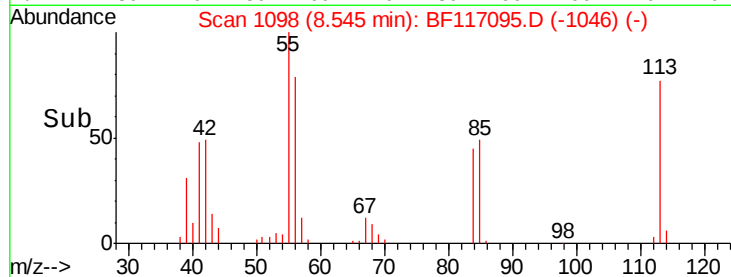
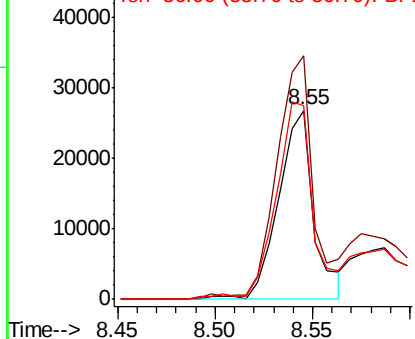
#35
Caprolactam
Concen: 25.678 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 33167
Ion Ratio Lower Upper
113 100
55 129.1 120.6 160.6
56 102.4 88.8 128.8

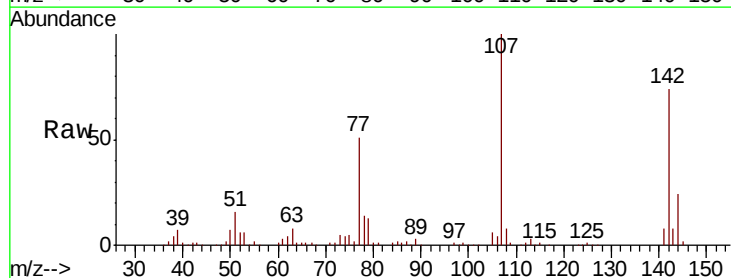


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

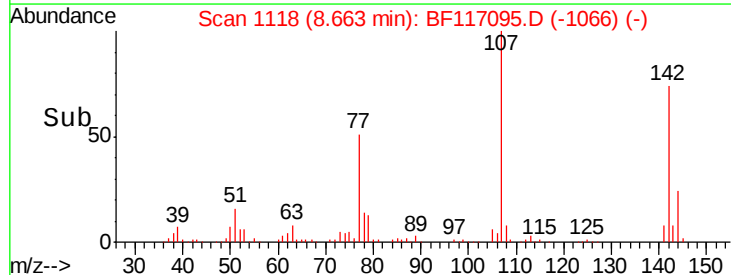
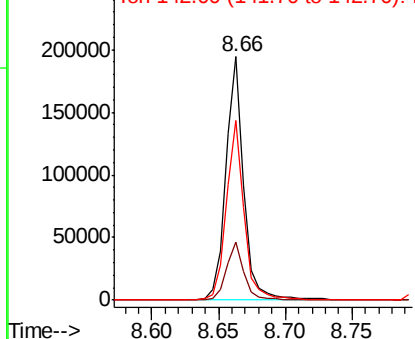


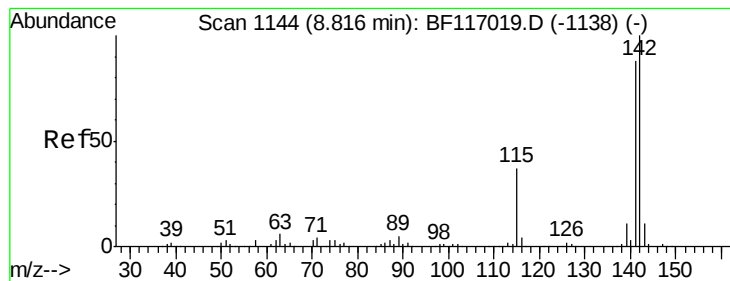
#36
4-Chloro-3-methylphenol
Concen: 41.391 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Tgt Ion:107 Resp: 184175
Ion Ratio Lower Upper
107 100
144 24.0 19.2 28.8
142 73.6 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

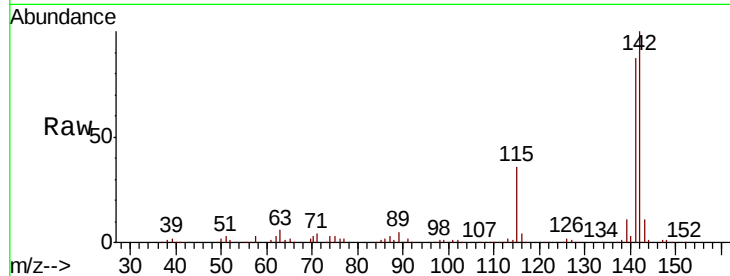




#37
2-Methylnaphthalene
Concen: 41.031 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.7	106.1
115	35.8	29.4	44.0

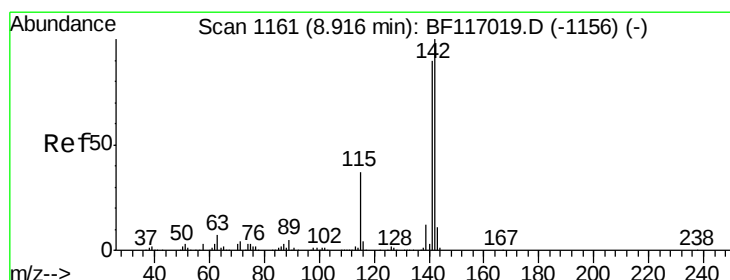
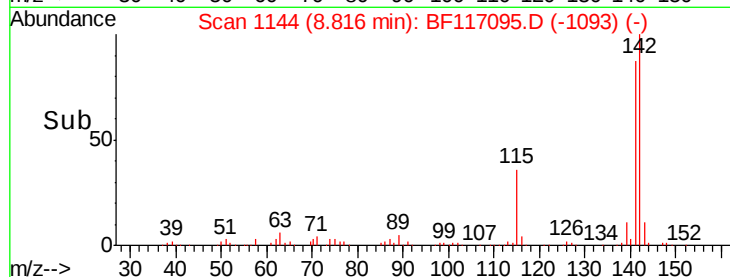
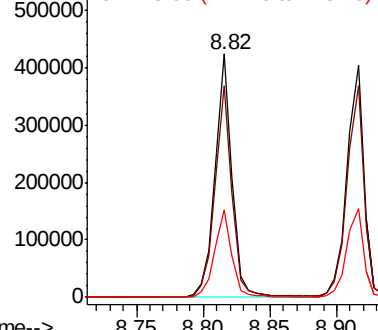


Abundance

Ion 142.00 (141.70 to 142.70): E

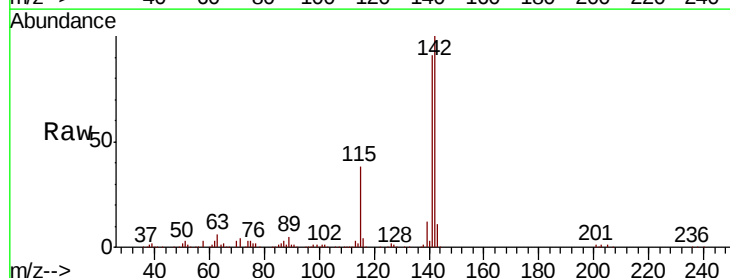
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.621 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.9	107.9
116	3.7	3.2	4.8

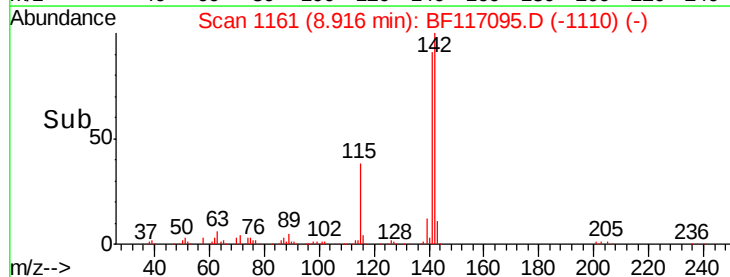
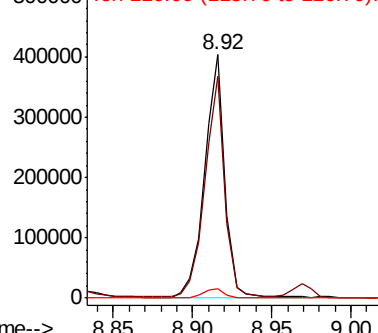


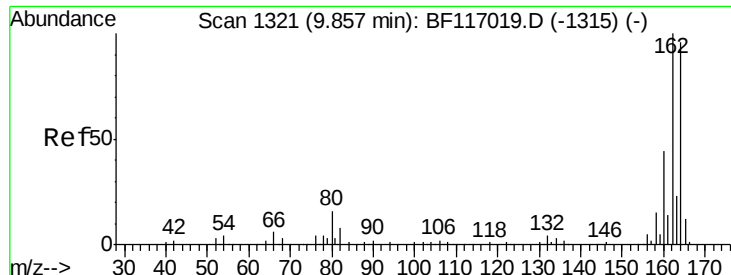
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

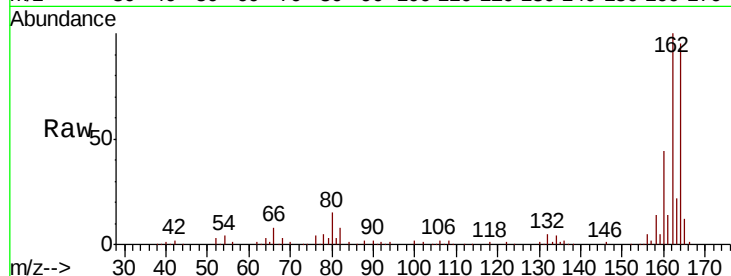




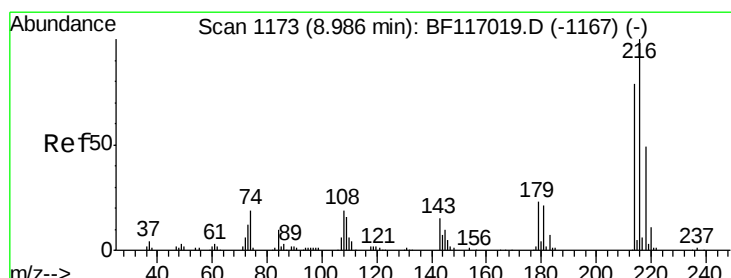
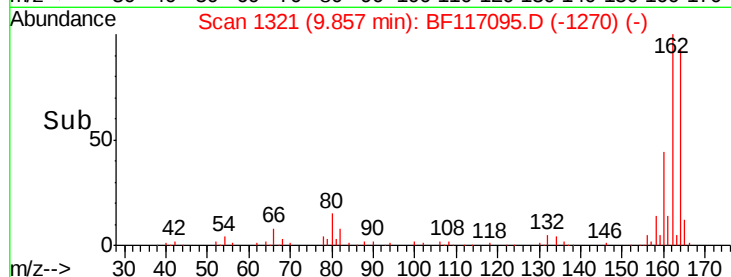
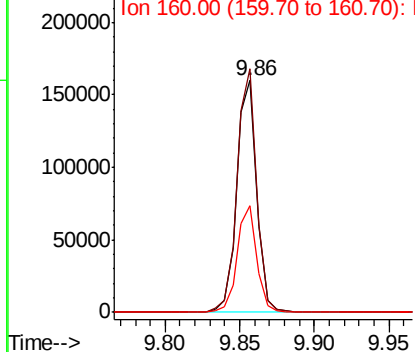
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 150293
Ion Ratio Lower Upper
164 100
162 105.2 83.4 125.2
160 46.2 36.4 54.6

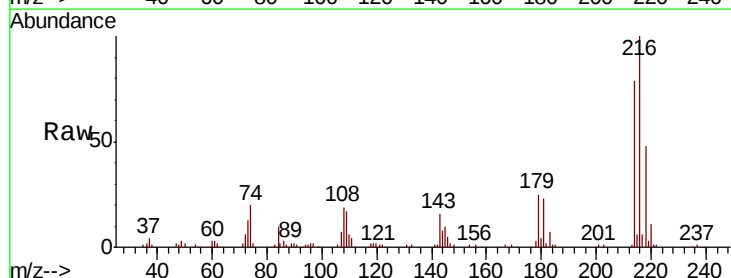


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

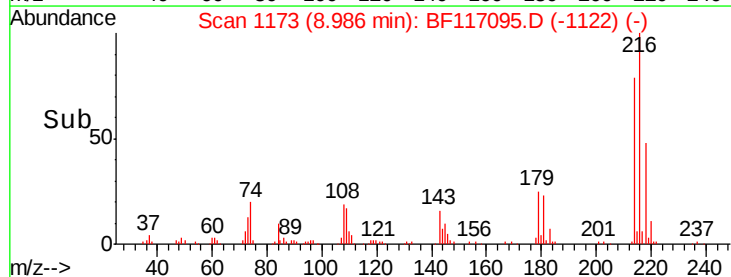
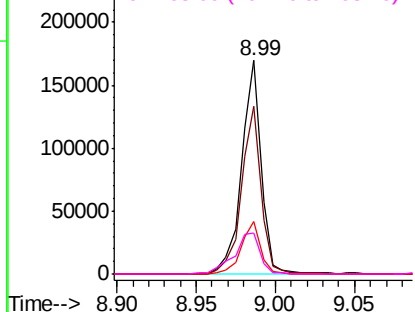


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.511 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Tgt Ion:216 Resp: 145579
Ion Ratio Lower Upper
216 100
214 79.1 63.6 95.4
179 24.3 18.3 27.5
108 25.7 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

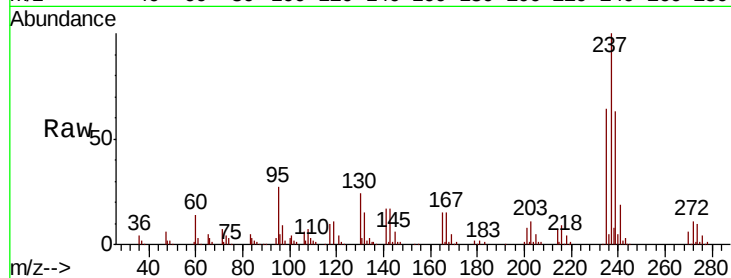




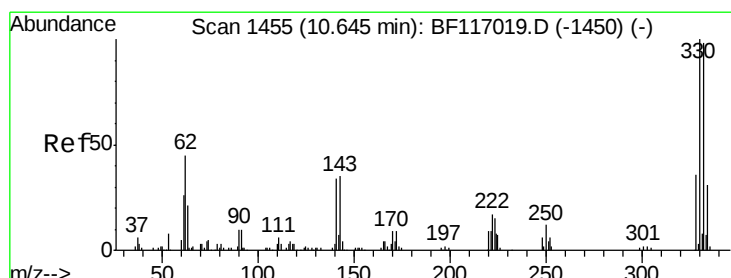
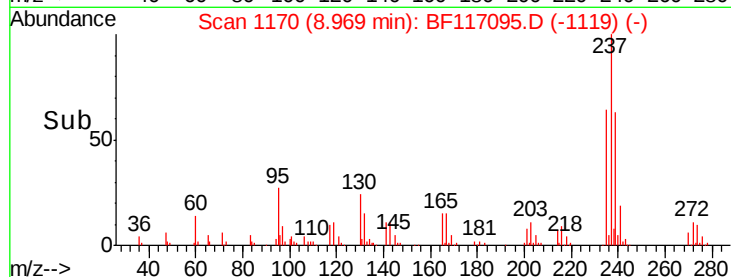
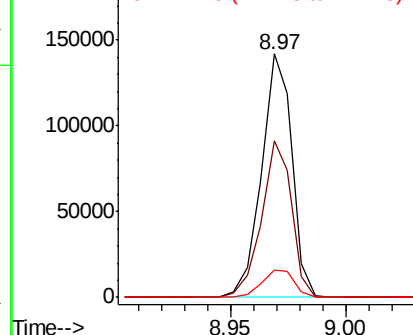
#41
Hexachlorocyclopentadiene
Concen: 76.299 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.2	43.2	83.2
272	11.1	0.0	31.9

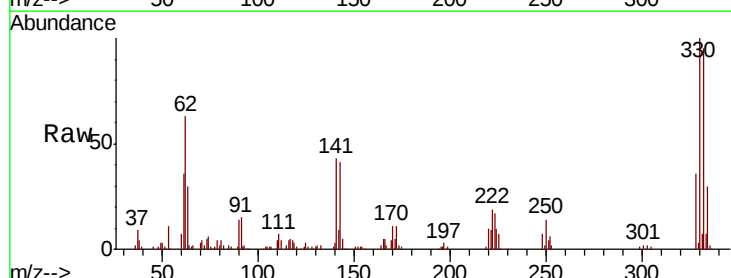


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

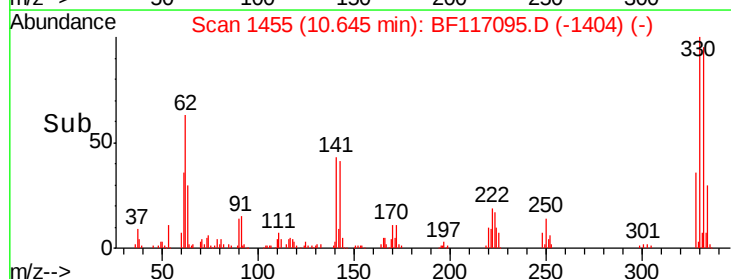
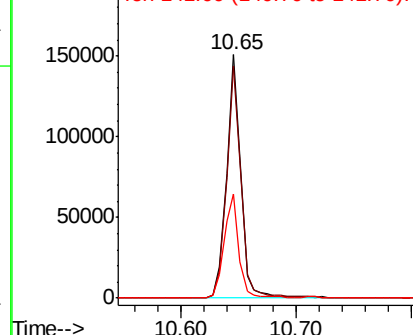


#42
2,4,6-Tribromophenol
Concen: 104.851 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.0	117.0
141	43.6	35.8	53.6



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

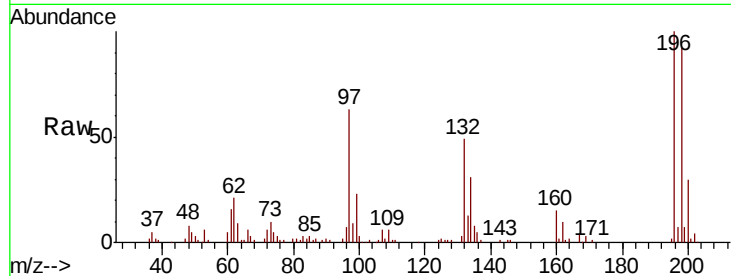




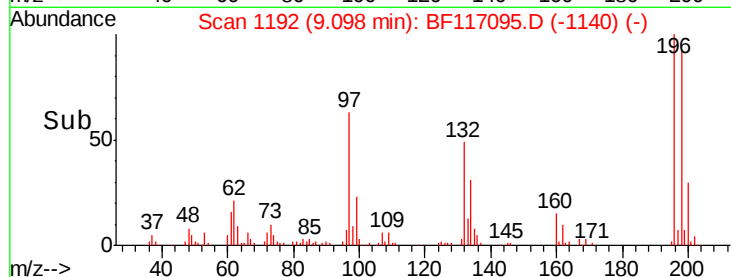
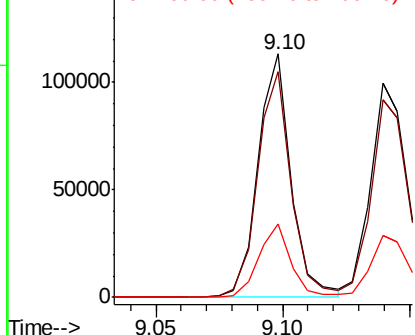
#43
 2,4,6-Trichlorophenol
 Concen: 39.128 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117095.D
 Acq: 17 Sep 2019 9:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 103054
 Ion Ratio Lower Upper
 196 100
 198 92.5 75.7 113.5
 200 29.9 23.3 34.9



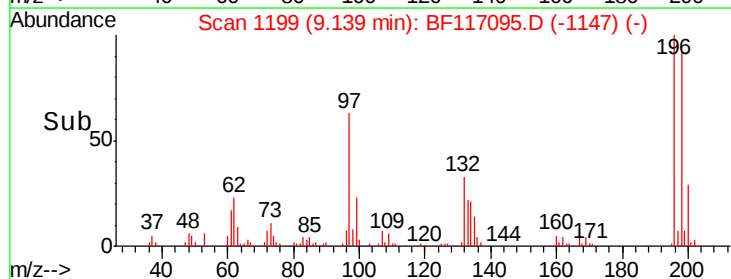
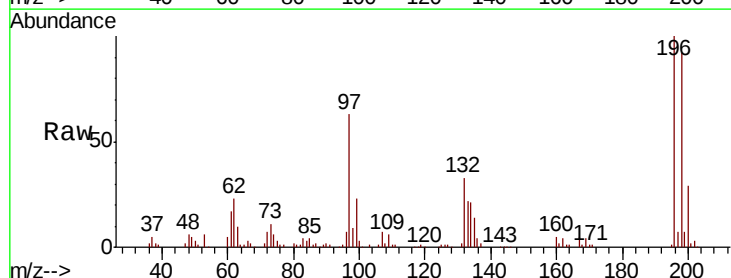
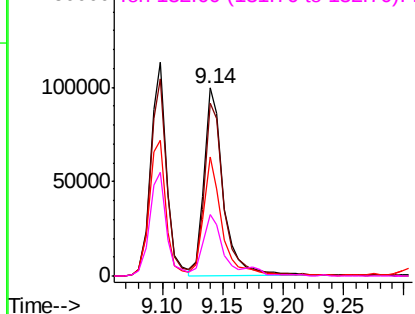
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

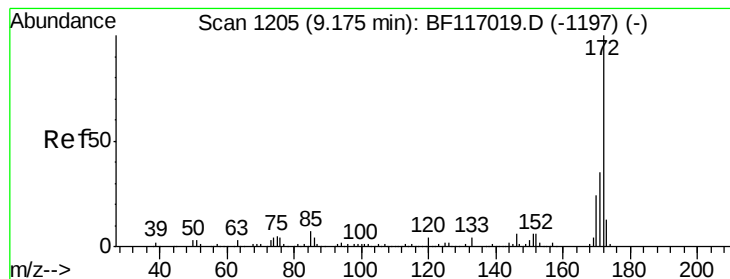


#44
 2,4,5-Trichlorophenol
 Concen: 39.344 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117095.D
 Acq: 17 Sep 2019 9:57

Tgt Ion:196 Resp: 110711
 Ion Ratio Lower Upper
 196 100
 198 92.2 74.6 112.0
 97 63.2 49.5 74.3
 132 32.8 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: 64.559 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

Instrument :

BNA_F

ClientSampleId :

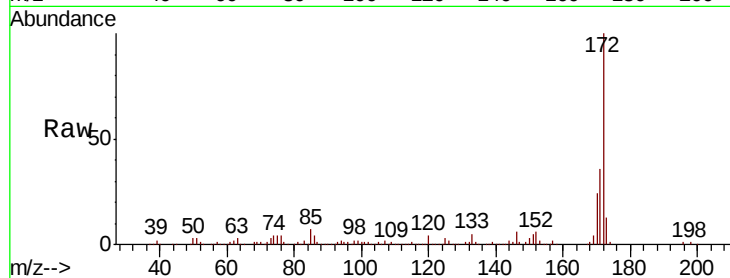
Tot Ion:172 Resp: 620549

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

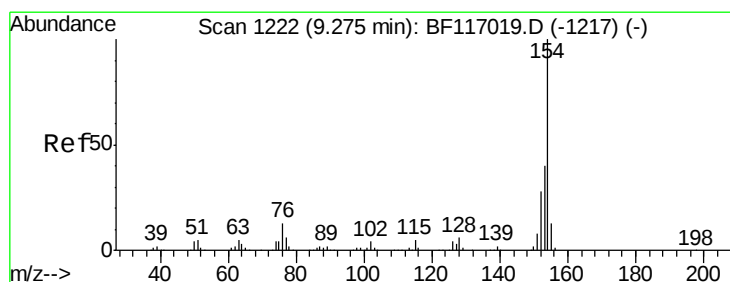
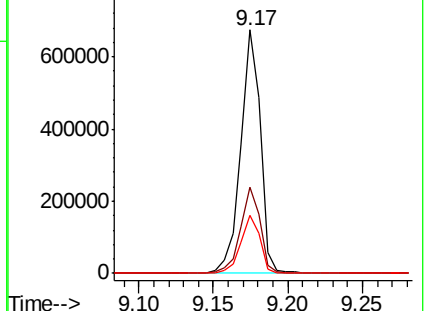
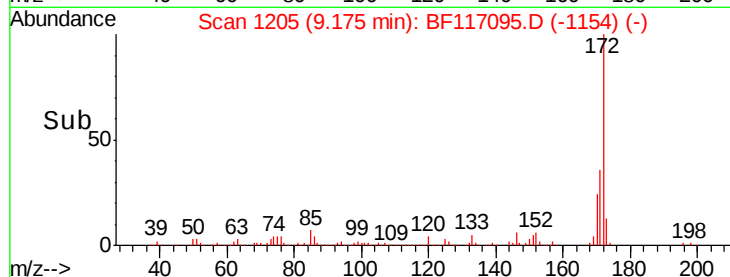
170 23.6 18.9 28.3



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: 38.256 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

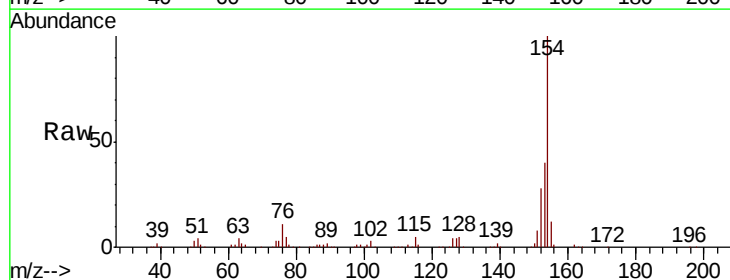
Tgt Ion:154 Resp: 450995

Ion Ratio Lower Upper

154 100

153 39.7 20.0 60.0

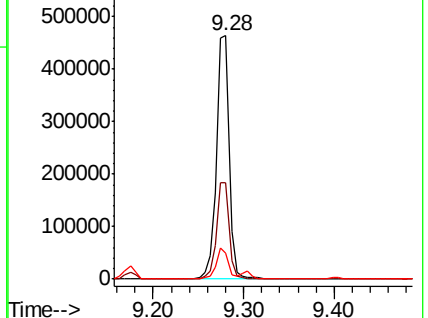
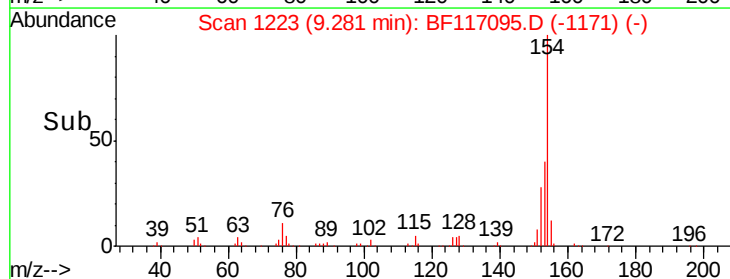
76 10.8 0.0 32.7

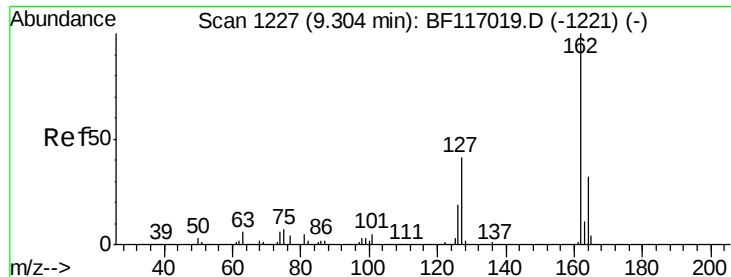


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

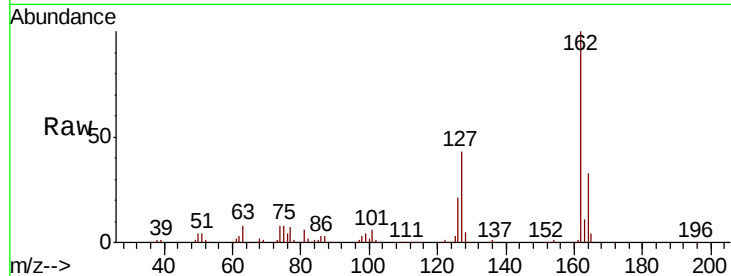




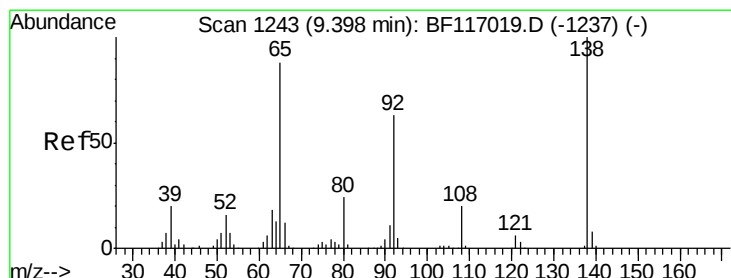
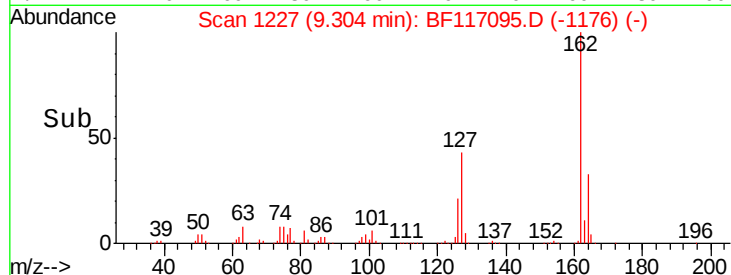
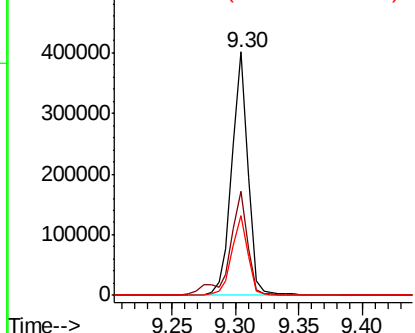
#47
2-Chloronaphthalene
Concen: 37.824 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.7	34.1	51.1
164	32.8	25.9	38.9

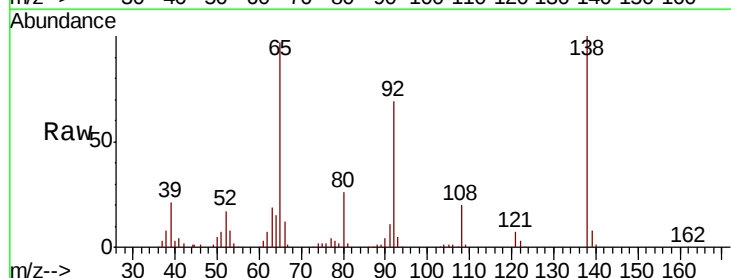


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

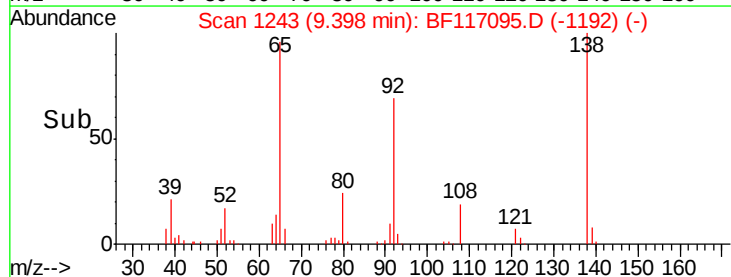
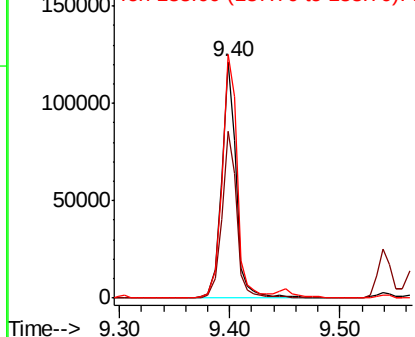


#48
2-Nitroaniline
Concen: 37.312 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.8	57.5	86.3
138	103.1	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: 39.858 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

Instrument :

BNA_F

ClientSampleId :

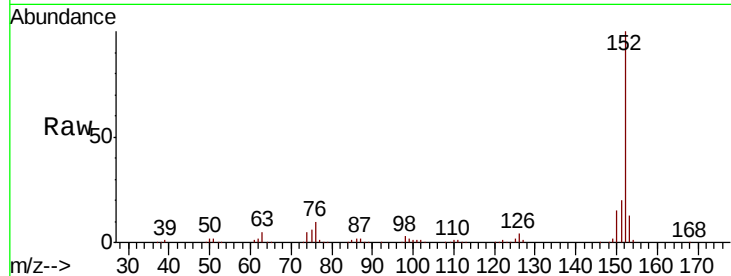
Tot Ion:152 Resp: 555545

Ion Ratio Lower Upper

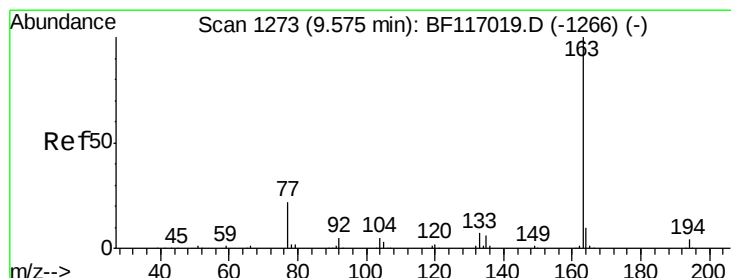
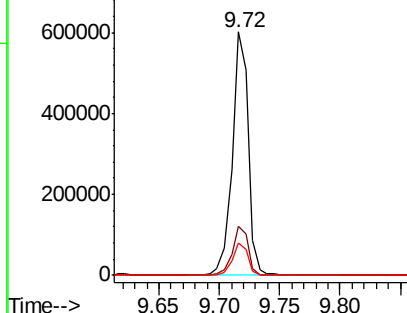
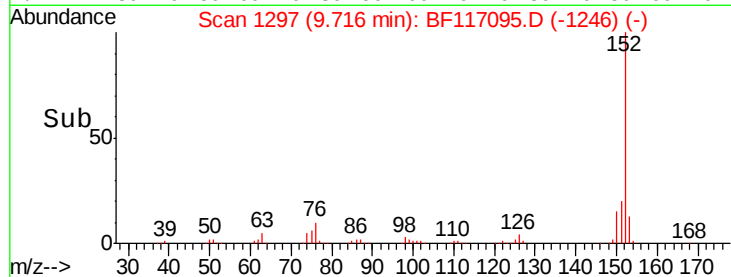
152 100

151 19.9 16.2 24.2

153 13.1 10.2 15.4



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



#50

Dimethylphthalate

Concen: 38.337 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

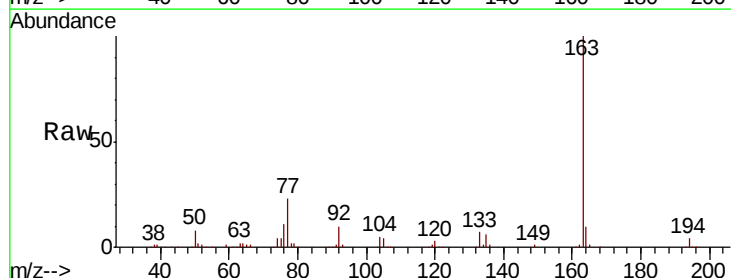
Tgt Ion:163 Resp: 407965

Ion Ratio Lower Upper

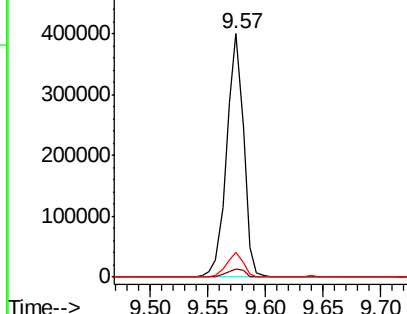
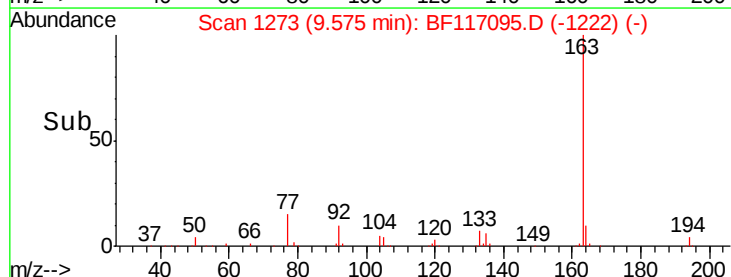
163 100

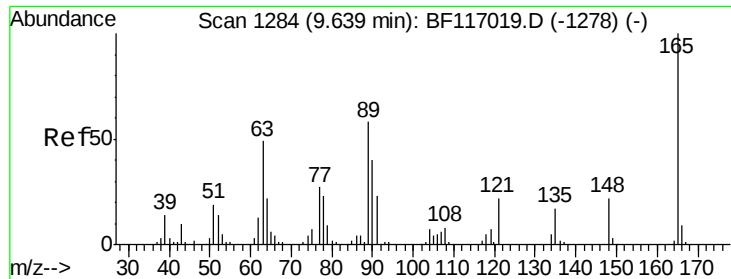
194 3.6 2.9 4.3

164 10.1 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: 42.399 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

Instrument :

BNA_F

ClientSampleId :

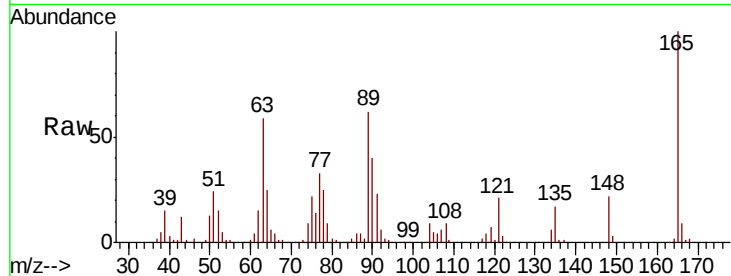
Tot Ion:165 Resp: 91893

Ion Ratio Lower Upper

165 100

63 58.6 41.8 62.8

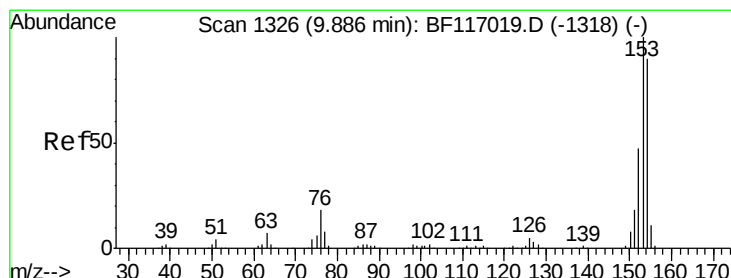
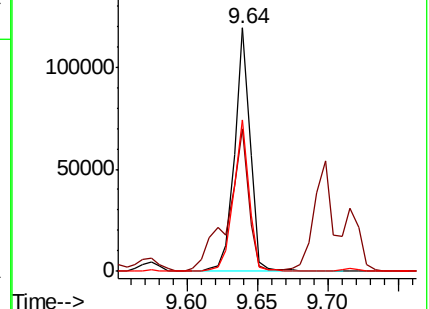
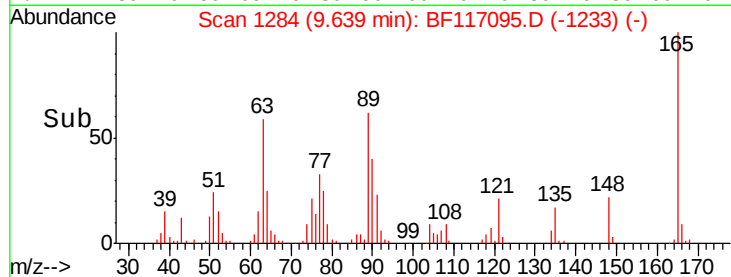
89 62.0 46.5 69.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.351 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

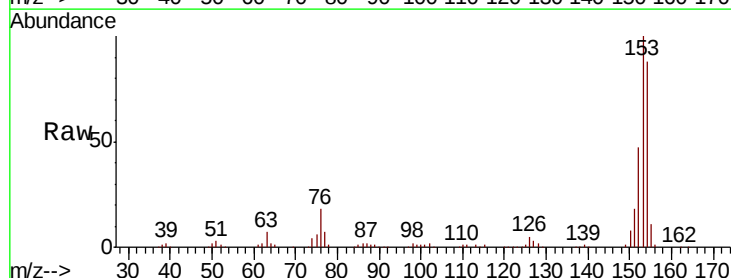
Tgt Ion:154 Resp: 316862

Ion Ratio Lower Upper

154 100

153 113.4 89.0 133.6

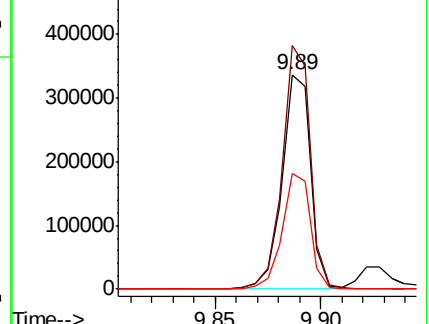
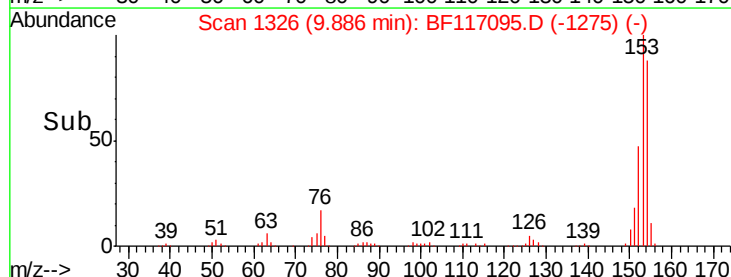
152 53.7 41.9 62.9

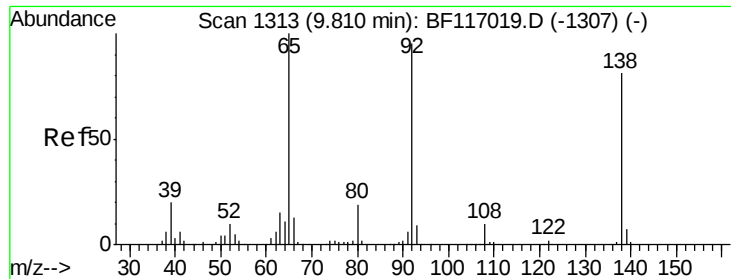


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

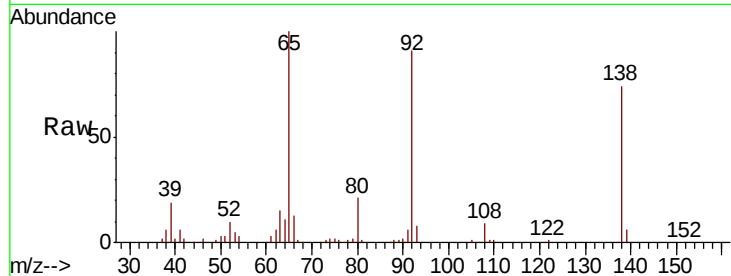




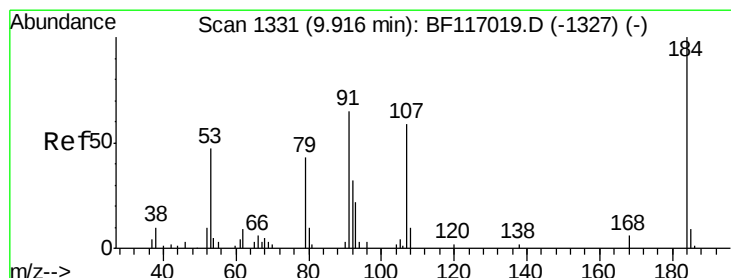
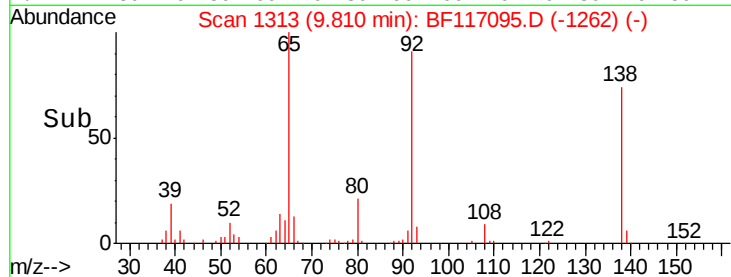
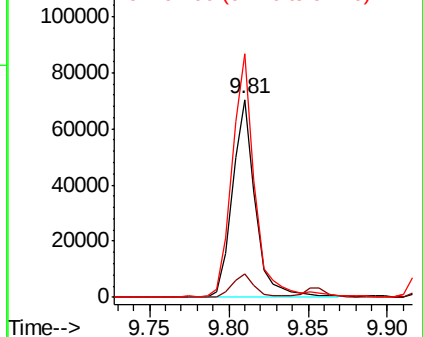
#53
 3-Nitroaniline
 Concen: 25.711 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF117095.D
 Acq: 17 Sep 2019 9:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 70306
 Ion Ratio Lower Upper
 138 100
 108 12.0 9.5 14.3
 92 122.9 94.1 141.1

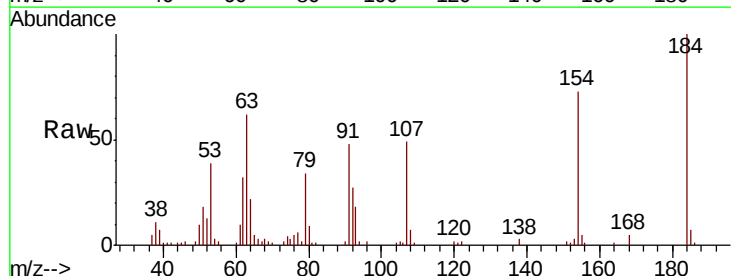


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

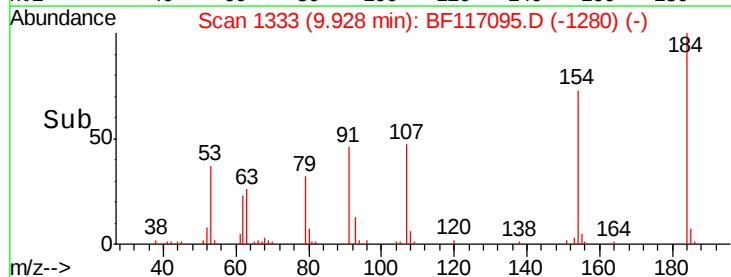
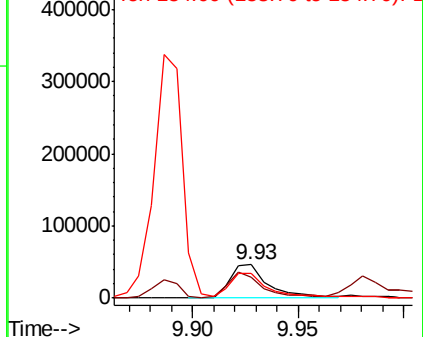


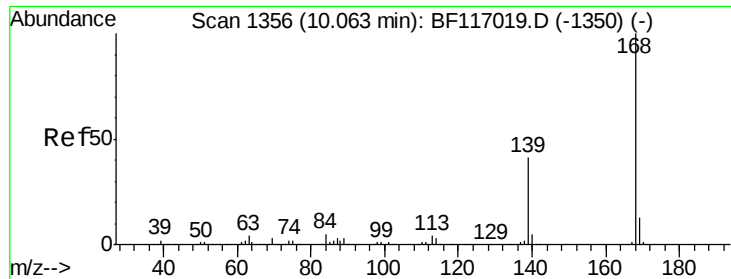
#54
 2,4-Dinitrophenol
 Concen: 64.162 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF117095.D
 Acq: 17 Sep 2019 9:57

Tgt Ion:184 Resp: 58127
 Ion Ratio Lower Upper
 184 100
 63 61.7 63.8 95.6#
 154 73.4 60.4 90.6



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

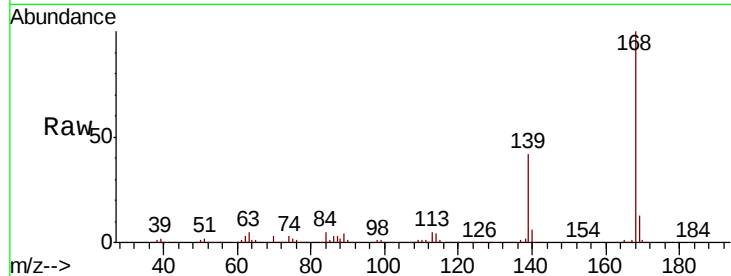




#55
Dibenzenofuran
Concen: 39.761 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.1	32.8	49.2
169	13.0	10.5	15.7

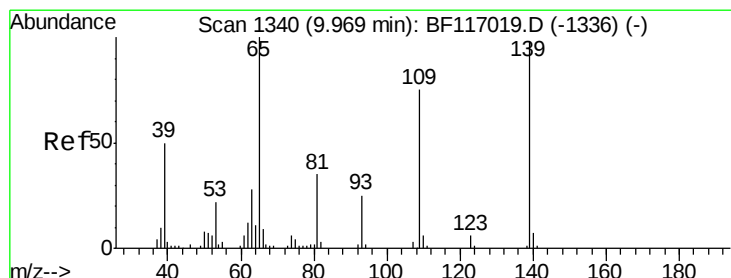
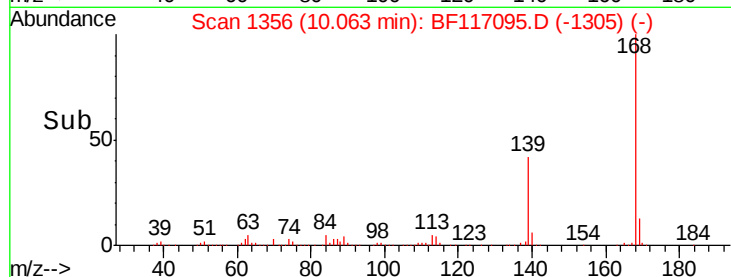
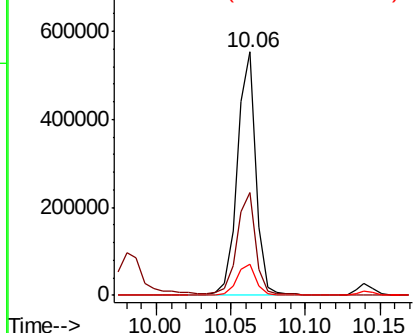


Abundance

Ion 168.00 (167.70 to 168.70): E

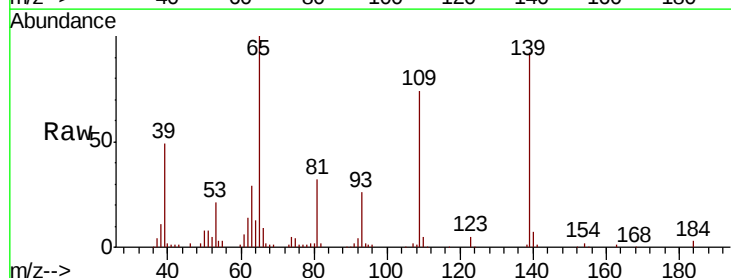
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 65.377 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.6	56.4	96.4
65	108.6	82.5	122.5

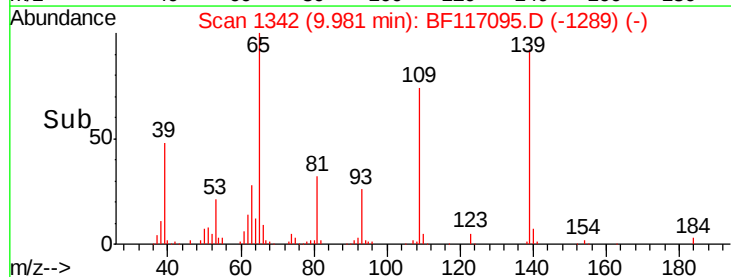
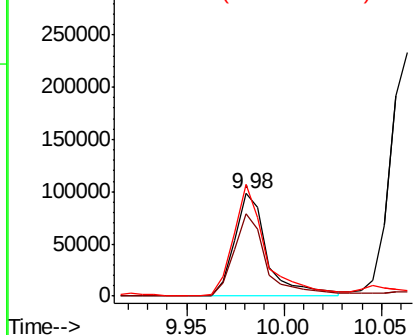


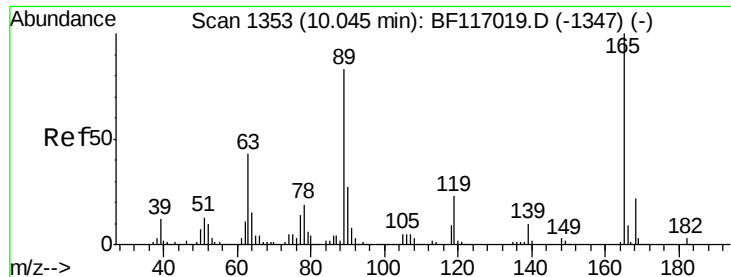
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

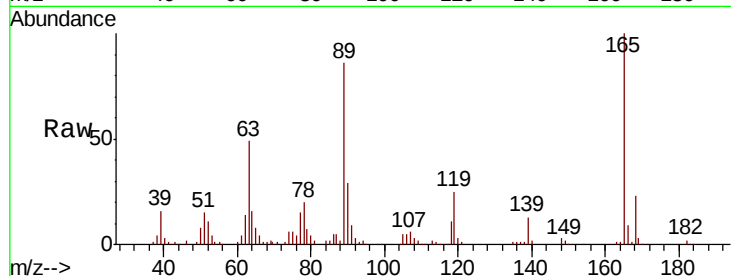




#57
2,4-Dinitrotoluene
Concen: 42.397 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.2	35.0	52.4
89	85.7	66.1	99.1
182	2.2	2.0	3.0



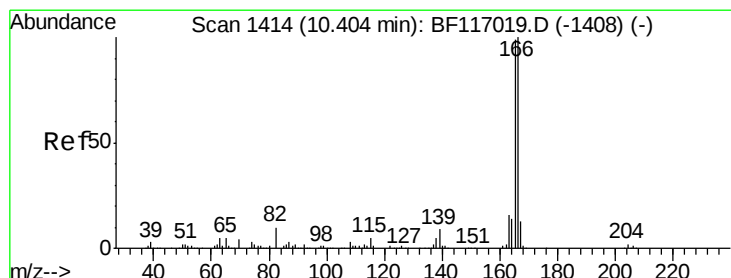
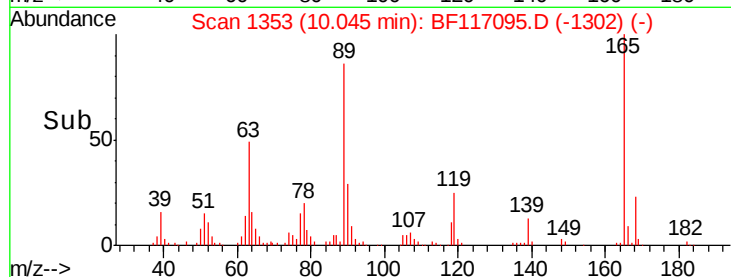
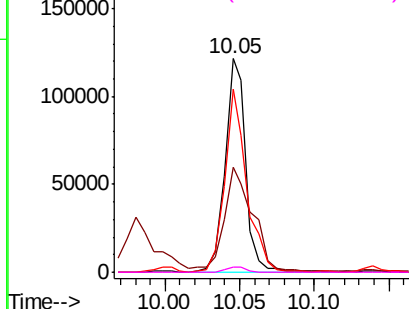
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

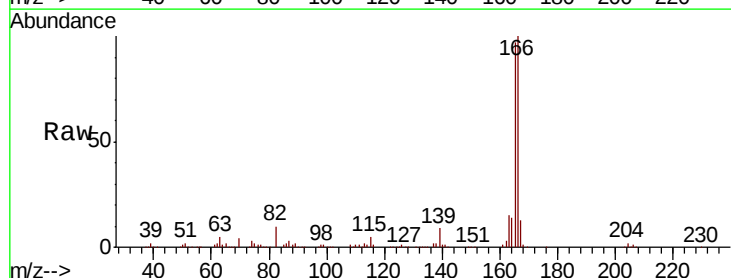
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.010 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.9	118.3
167	13.0	10.6	15.8

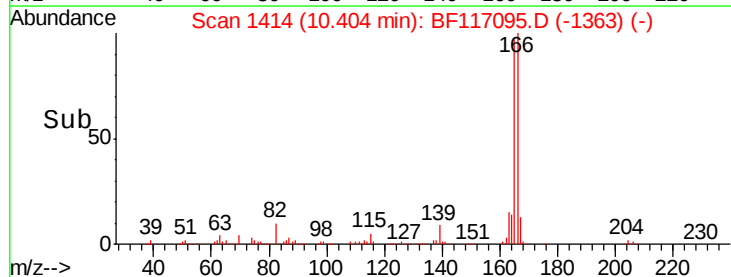
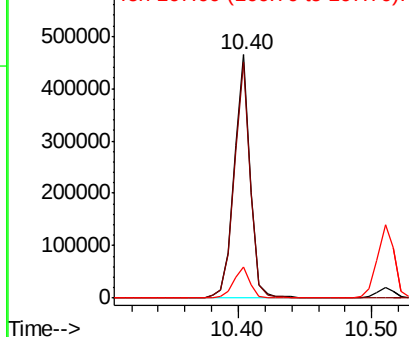


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

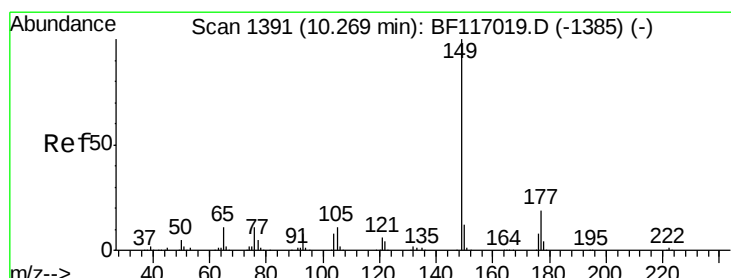
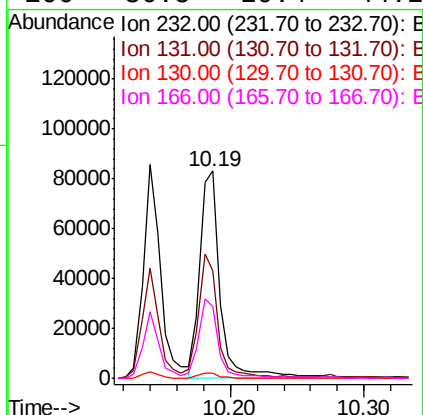
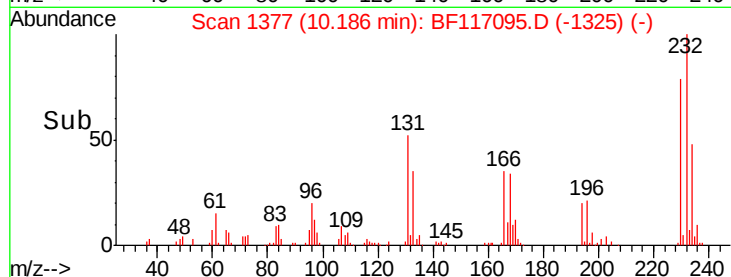
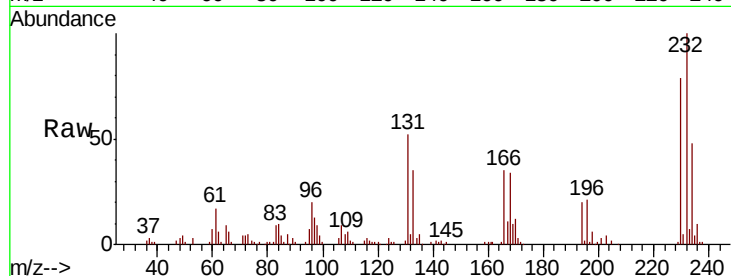




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.819 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF117095.D
 Acq: 17 Sep 2019 9:57

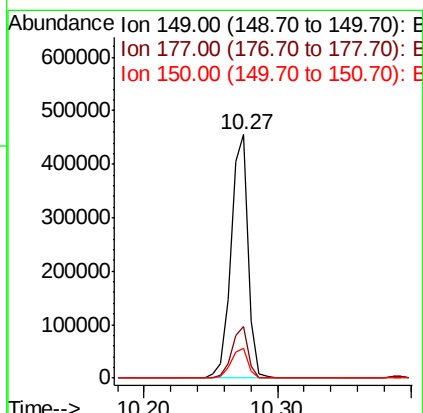
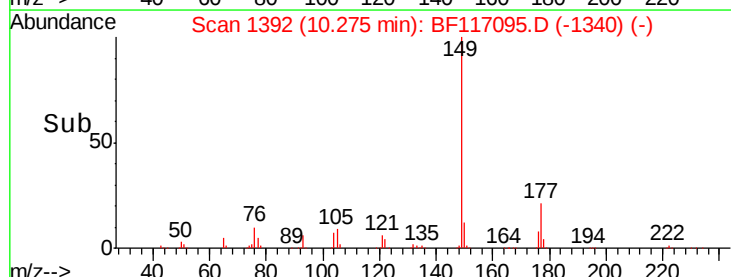
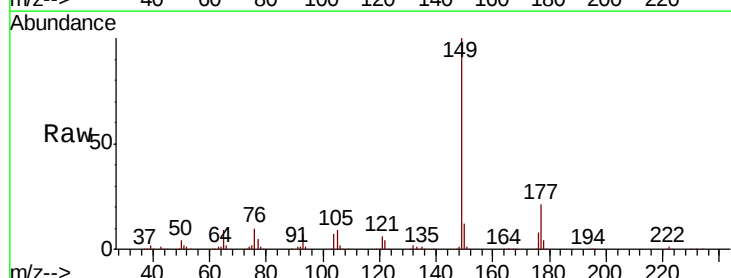
Instrument :
 BNA_F
 ClientSampleId :

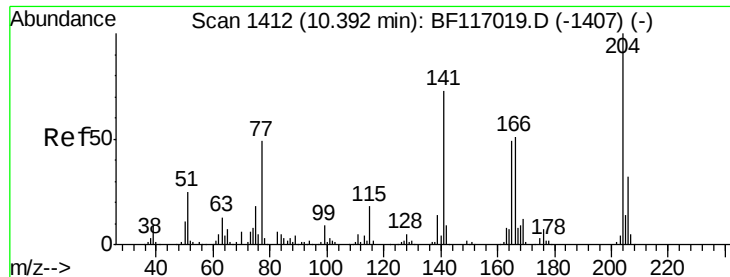
Tot Ion	Ratio	Lower	Upper
232	100		
131	58.7	45.3	67.9
130	2.5	1.8	2.8
166	36.5	29.4	44.2



#60
 Diethylphthalate
 Concen: 39.392 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF117095.D
 Acq: 17 Sep 2019 9:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	15.2	22.8
150	12.1	9.9	14.9

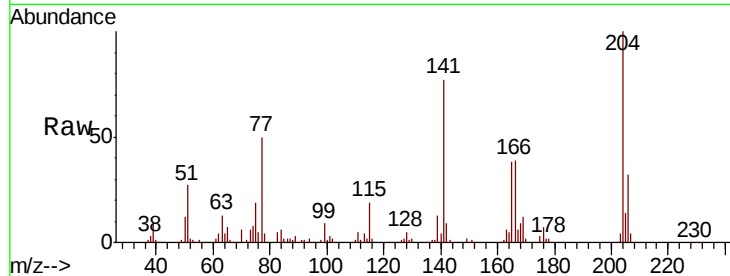




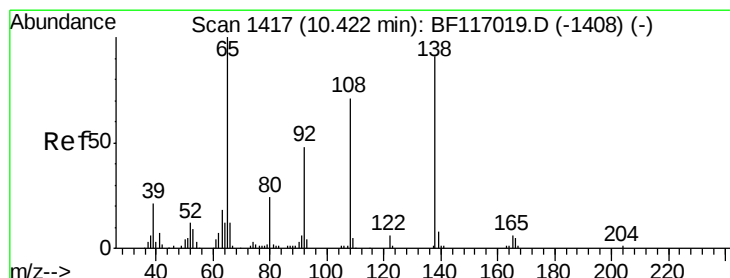
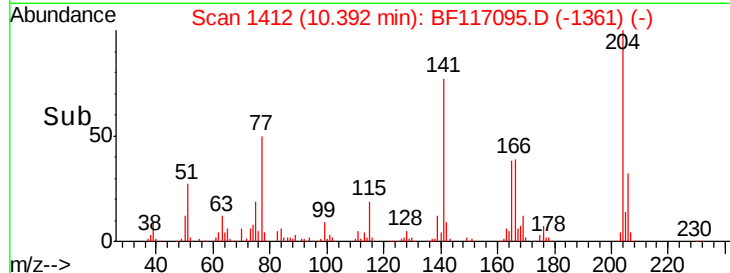
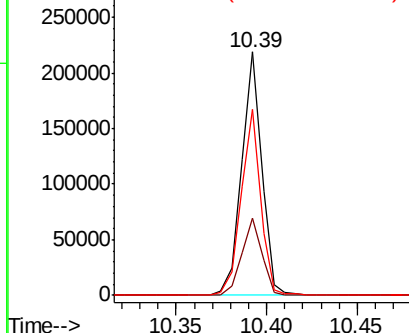
#61
 4-Chlorophenyl-phenylether
 Concen: 39.865 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF117095.D
 Acq: 17 Sep 2019 9:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 169370
 Ion Ratio Lower Upper
 204 100
 206 31.7 26.0 39.0
 141 76.6 58.2 87.2

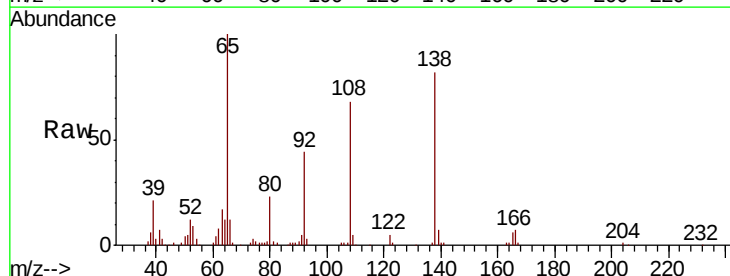


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

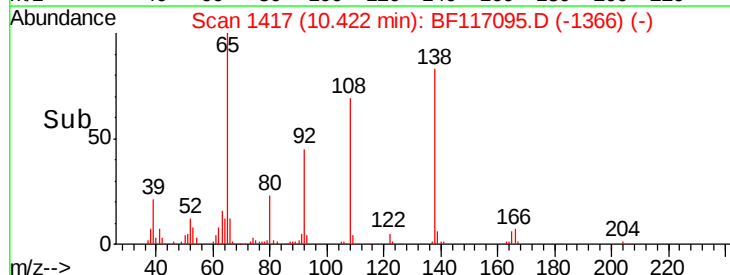
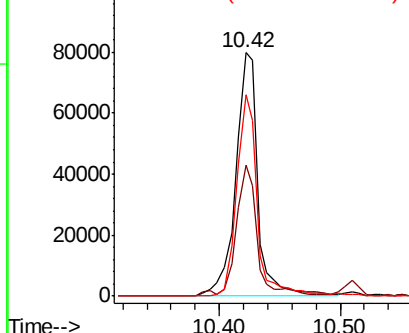


#62
 4-Nitroaniline
 Concen: 36.073 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF117095.D
 Acq: 17 Sep 2019 9:57

Tgt Ion:138 Resp: 102582
 Ion Ratio Lower Upper
 138 100
 92 53.7 32.9 72.9
 108 82.5 58.3 98.3



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





#63

Azobenzene

Concen: 39.867 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 426287

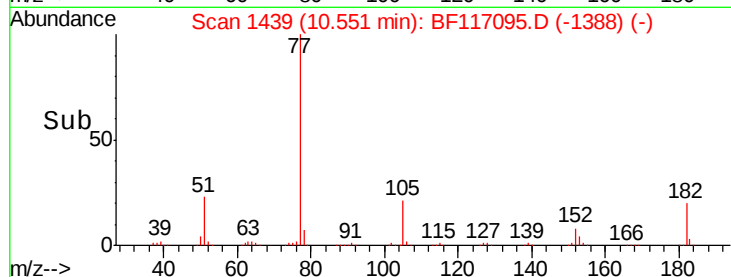
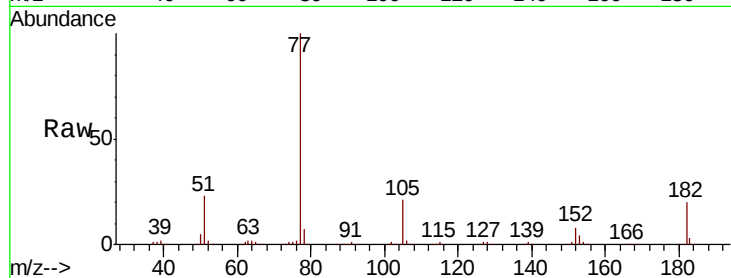
Ion Ratio Lower Upper

77 100

182 20.4 0.4 40.4

105 21.2 0.9 40.9

51 23.1 2.8 42.8

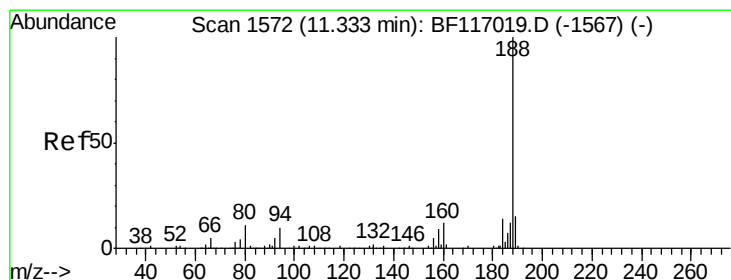
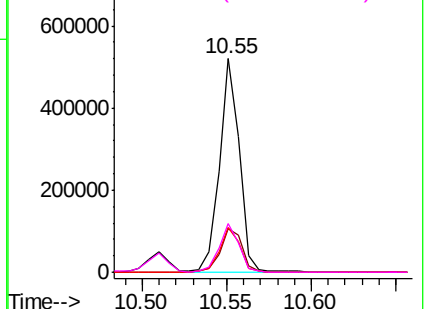


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

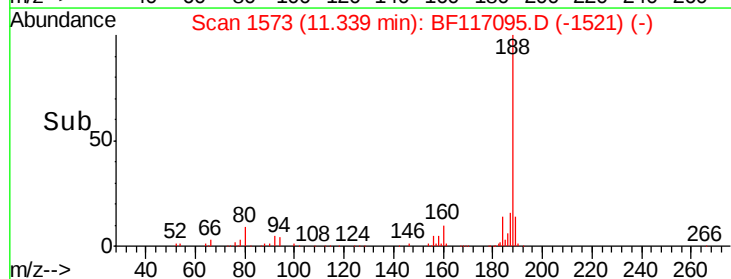
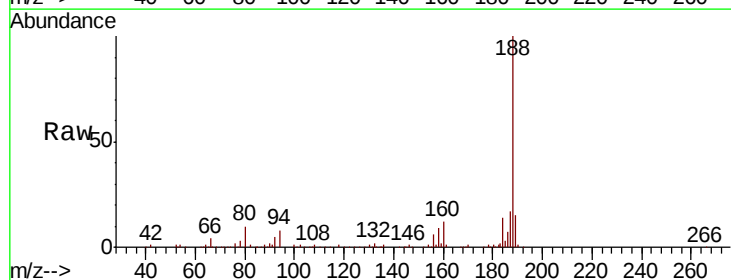
Tgt Ion: 188 Resp: 240029

Ion Ratio Lower Upper

188 100

94 7.8 8.2 12.2#

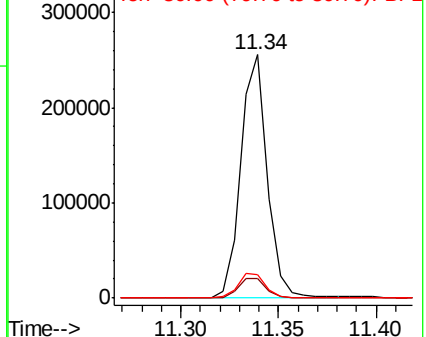
80 9.6 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 41.730 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

Instrument :

BNA_F

ClientSampled :

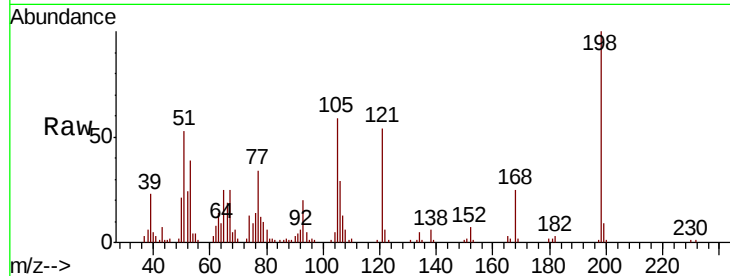
Tot Ion:198 Resp: 44488

Ion Ratio Lower Upper

198 100

51 53.5 18.7 58.7

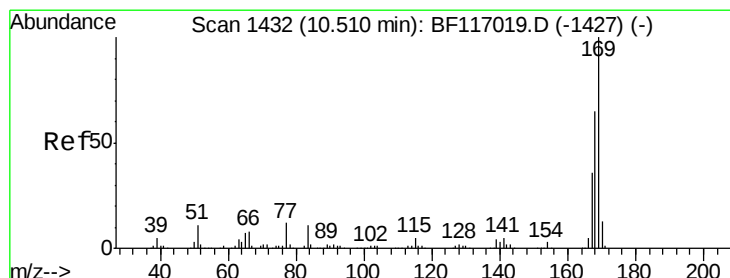
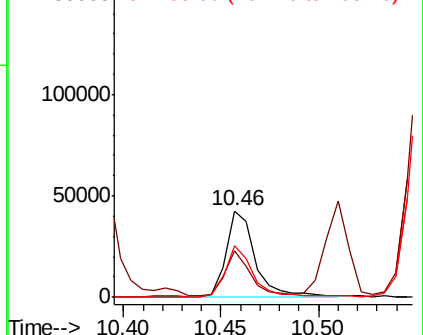
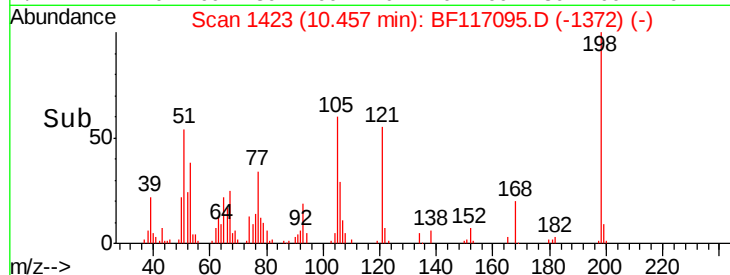
105 59.4 30.2 70.2



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: 41.081 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

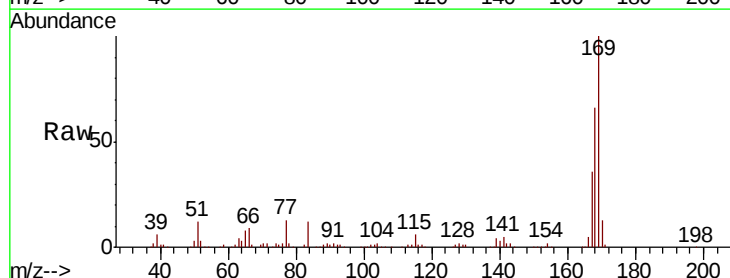
Tgt Ion:169 Resp: 340546

Ion Ratio Lower Upper

169 100

168 65.8 52.2 78.2

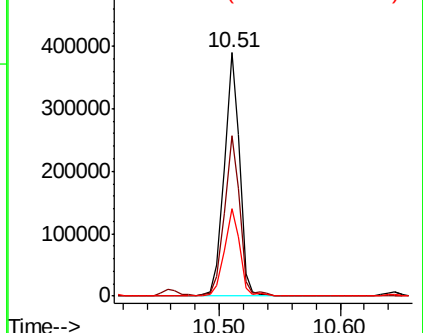
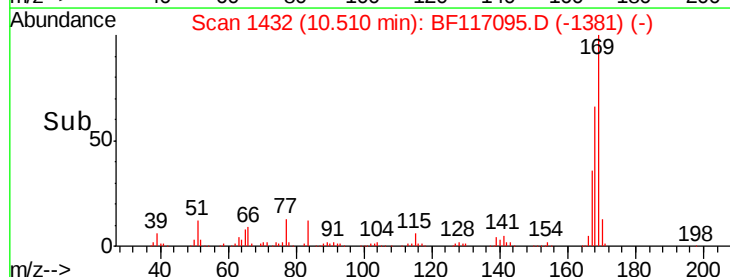
167 35.9 28.8 43.2



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

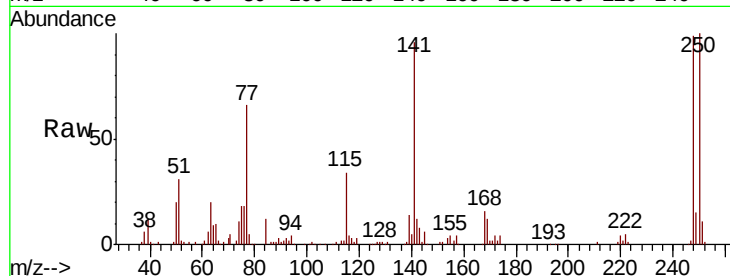




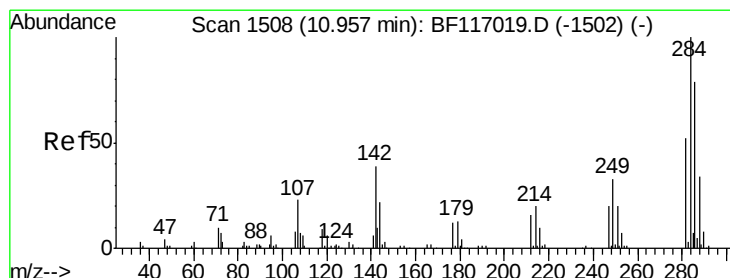
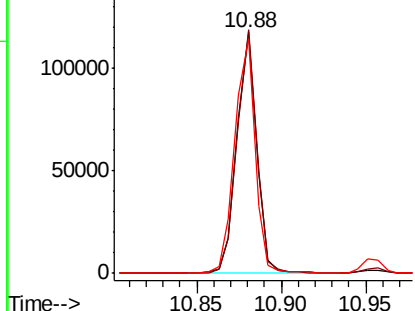
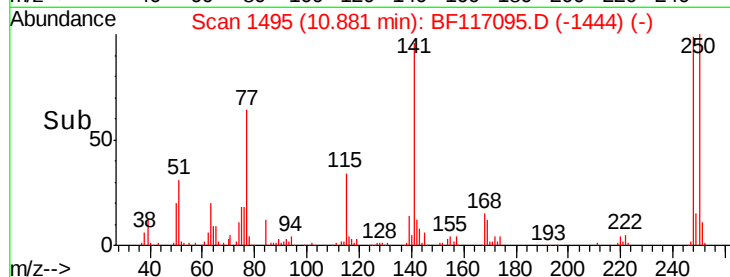
#67
4-Bromophenyl-phenylether
Concen: 39.314 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 96369
Ion Ratio Lower Upper
248 100
250 101.1 76.2 114.4
141 97.2 75.0 112.4

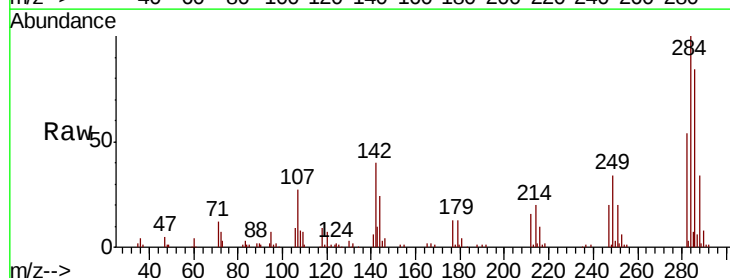


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

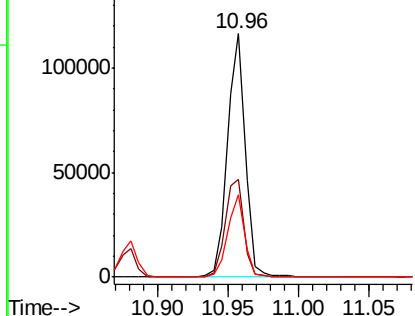
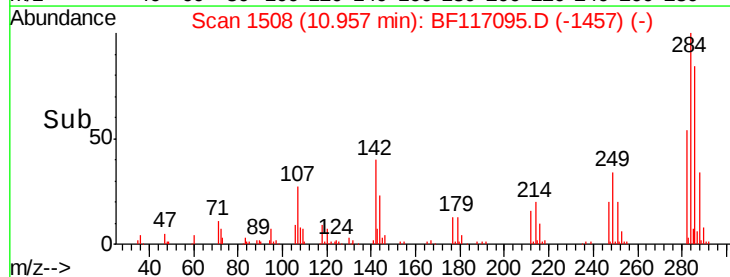


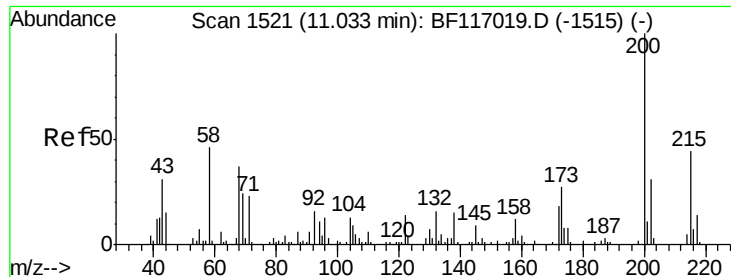
#68
Hexachlorobenzene
Concen: 38.057 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Tgt Ion:284 Resp: 102036
Ion Ratio Lower Upper
284 100
142 40.3 31.4 47.2
249 33.6 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

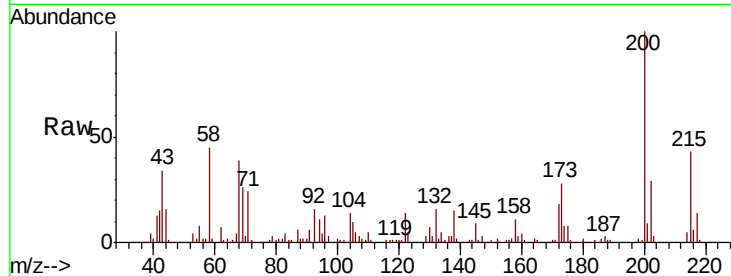




#69
 Atrazine
 Concen: 46.660 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117095.D
 Acq: 17 Sep 2019 9:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	6.9	46.9
215	43.0	23.8	63.8

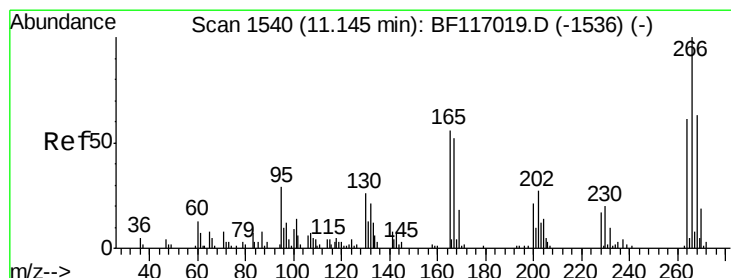
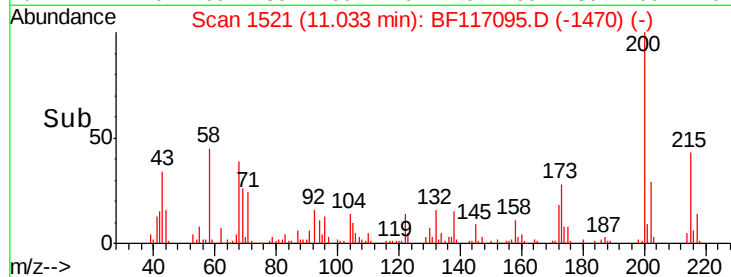
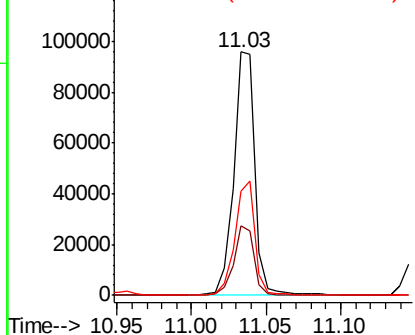


Abundance

Ion 200.00 (199.70 to 200.70): E

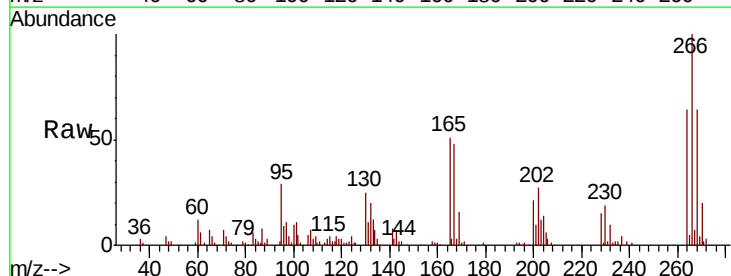
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 75.351 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF117095.D
 Acq: 17 Sep 2019 9:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.5	75.7
264	64.1	48.8	73.2

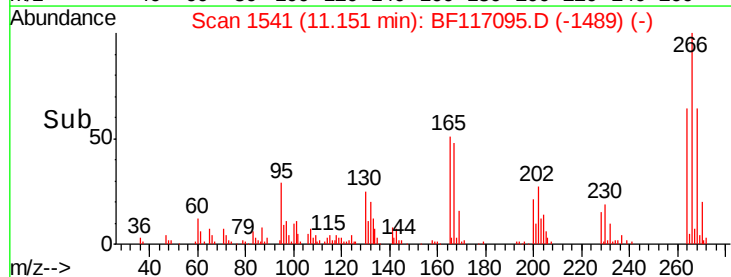
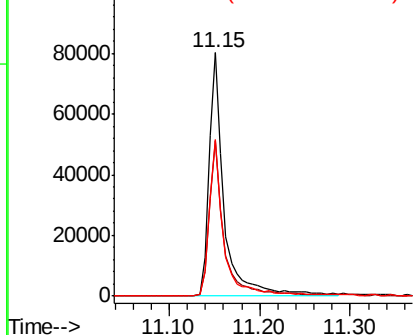


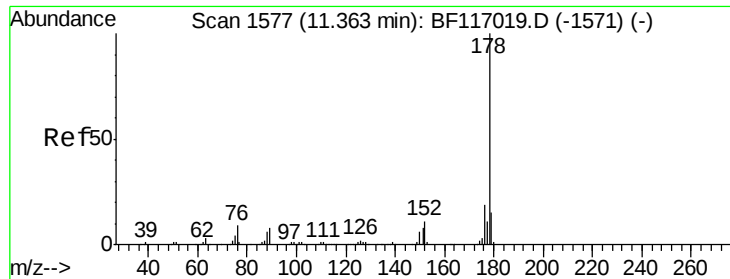
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

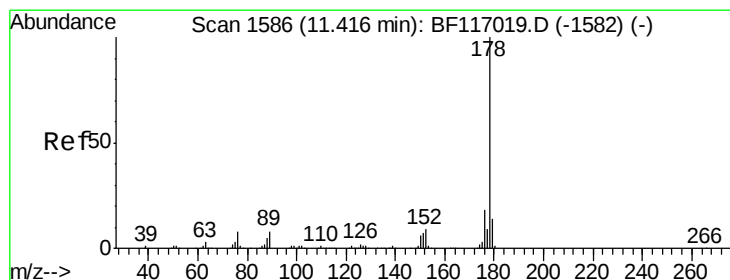
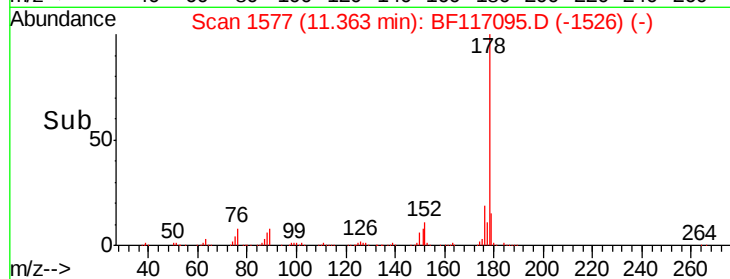
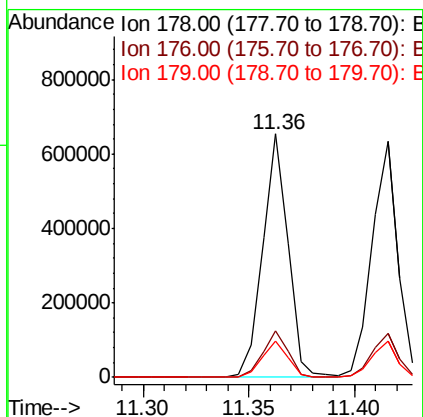
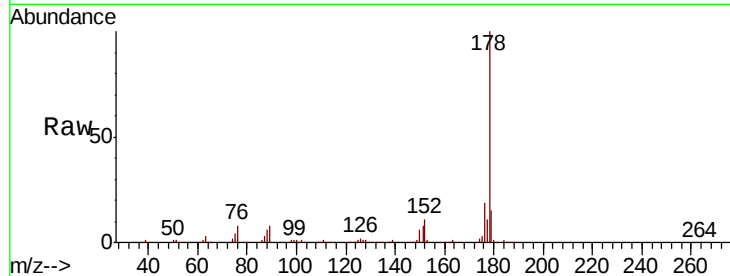




#71
Phenanthrene
Concen: 40.206 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

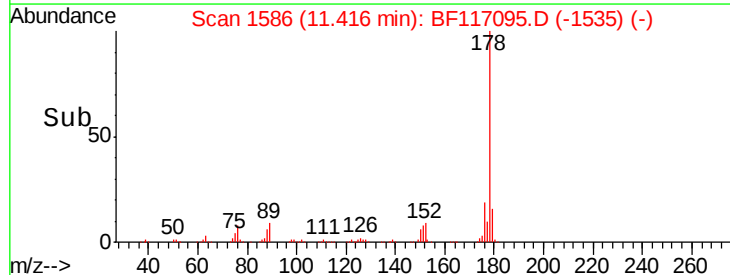
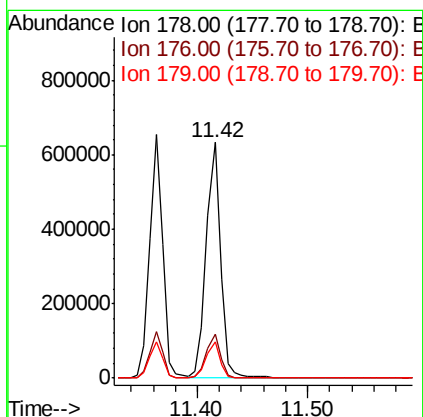
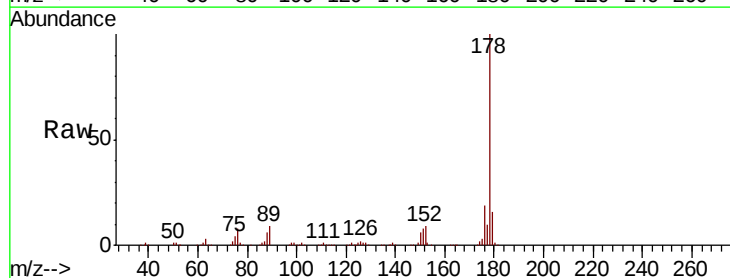
Instrument :
BNA_F
ClientSampleId :

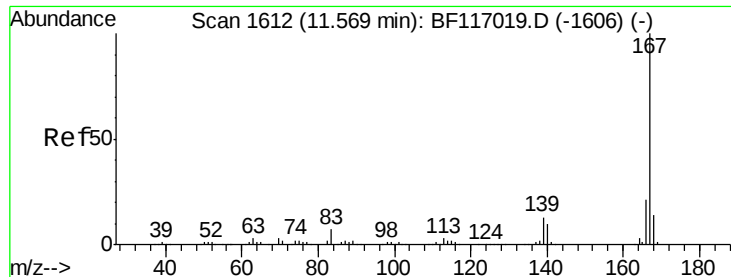
Tot Ion:178 Resp: 548151
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.1 12.4 18.6



#72
Anthracene
Concen: 40.011 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Tgt Ion:178 Resp: 556912
Ion Ratio Lower Upper
178 100
176 18.8 14.6 21.8
179 15.6 11.6 17.4

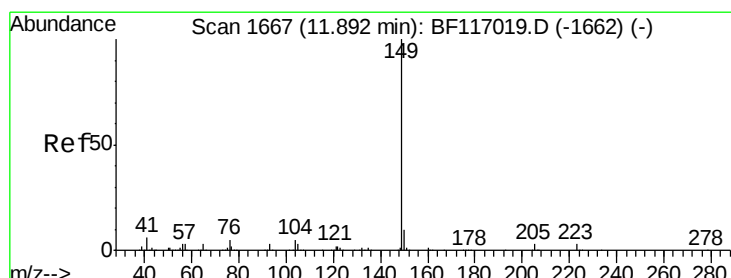
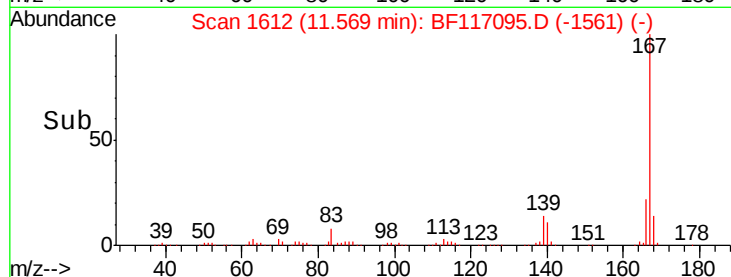
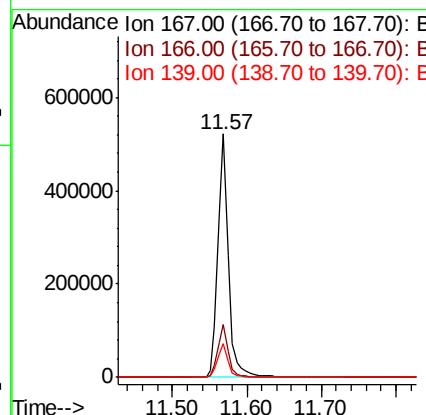
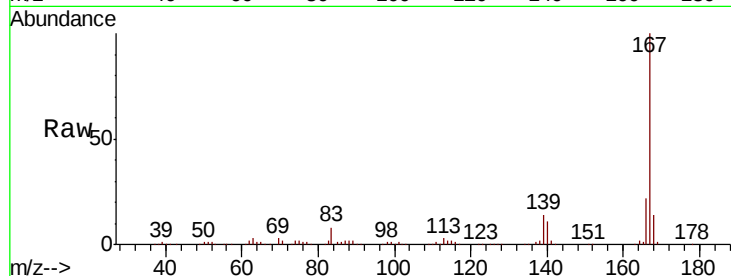




#73
 Carbazole
 Concen: 38.436 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117095.D
 Acq: 17 Sep 2019 9:57

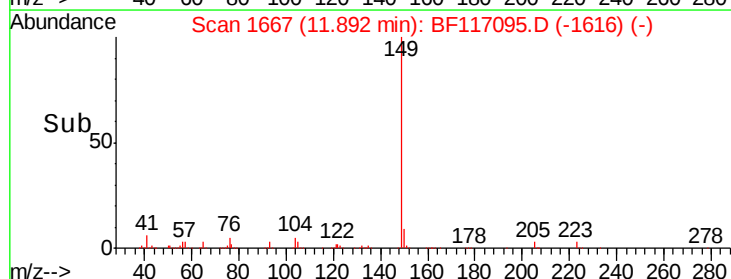
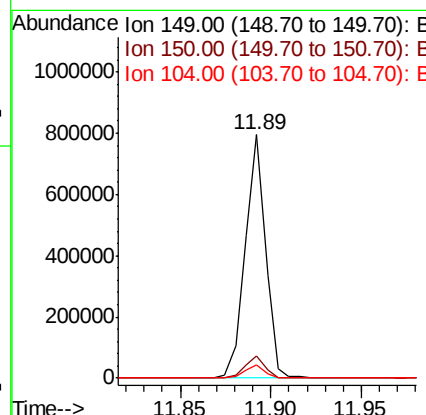
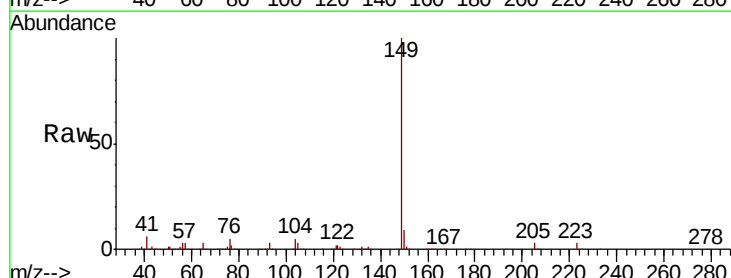
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	14.0	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 39.534 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117095.D
 Acq: 17 Sep 2019 9:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	5.3	4.2	6.4

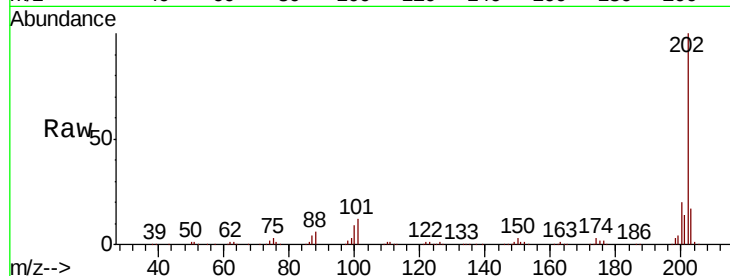




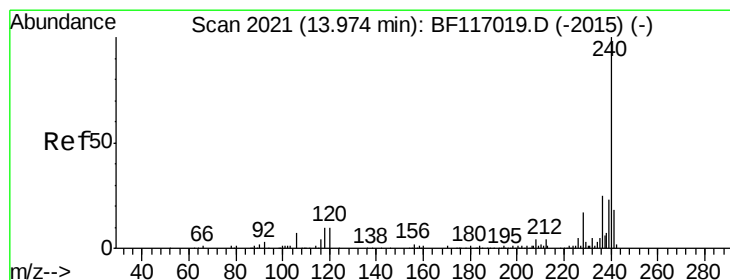
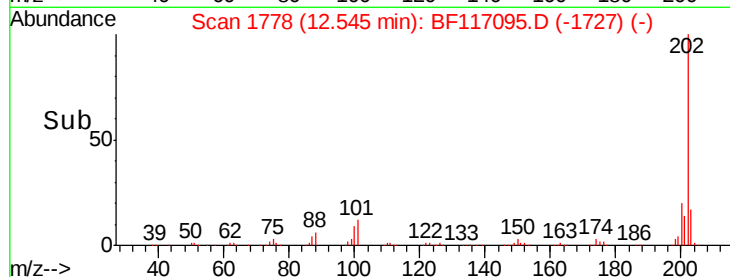
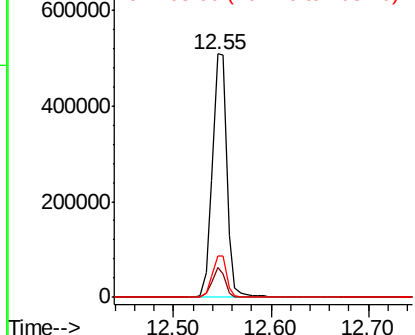
#75
 Fluoranthene
 Concen: 37.845 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF117095.D
 Acq: 17 Sep 2019 9:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.3
203	17.1	0.0	37.1

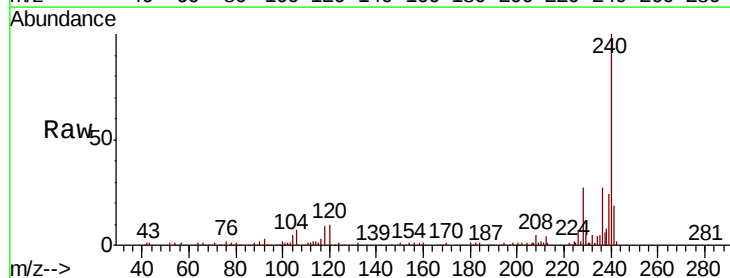


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

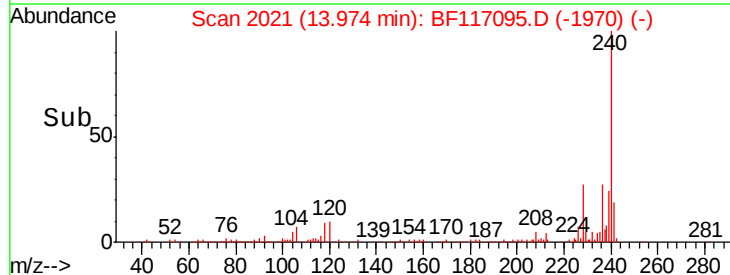
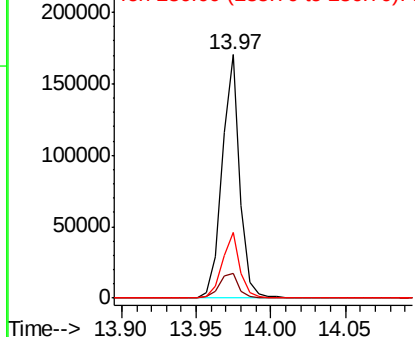


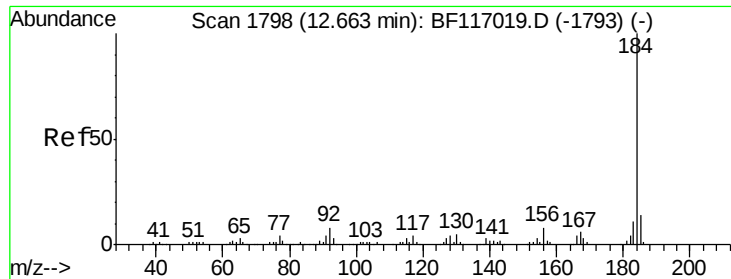
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF117095.D
 Acq: 17 Sep 2019 9:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	26.9	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: 50.949 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

Instrument :

BNA_F

ClientSampleId :

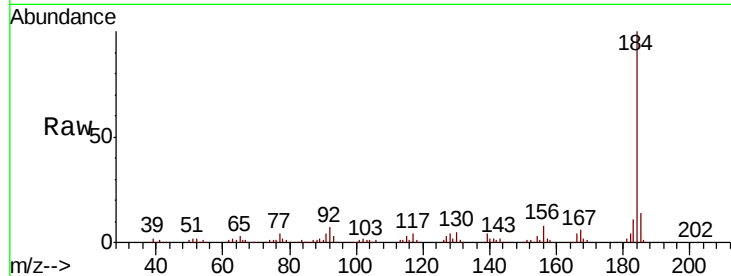
Tot Ion:184 Resp: 233695

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

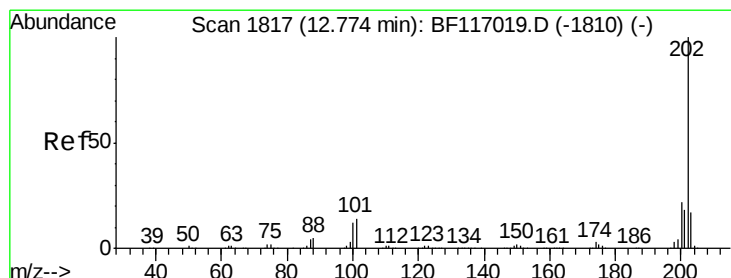
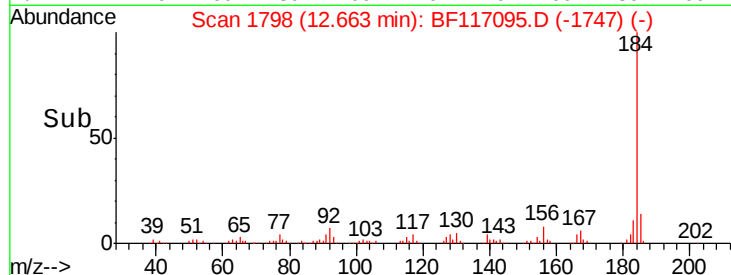
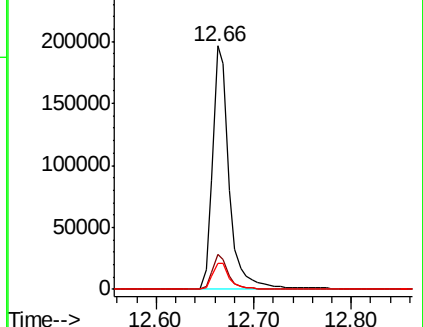
183 10.8 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.333 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

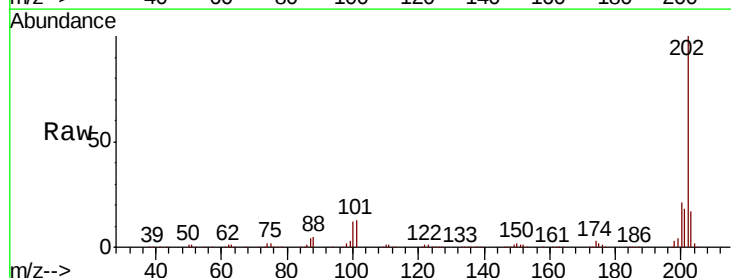
Tgt Ion:202 Resp: 529678

Ion Ratio Lower Upper

202 100

200 20.6 17.2 25.8

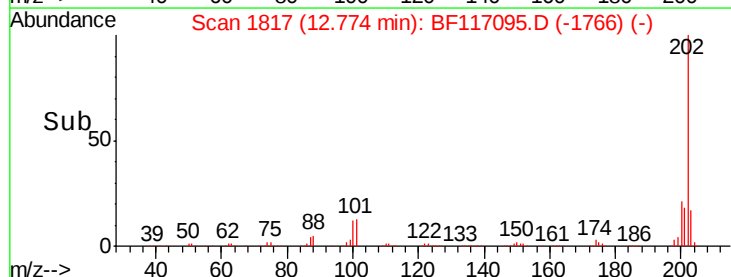
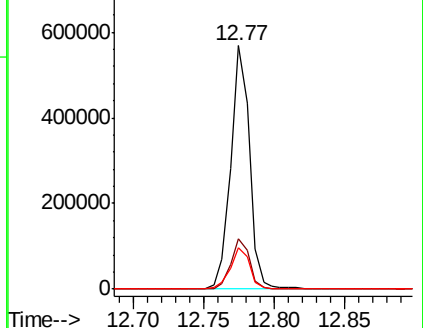
203 17.2 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

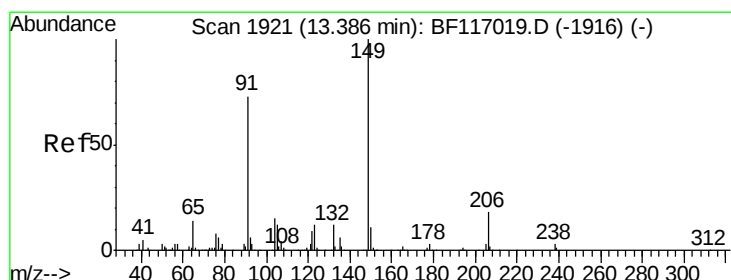
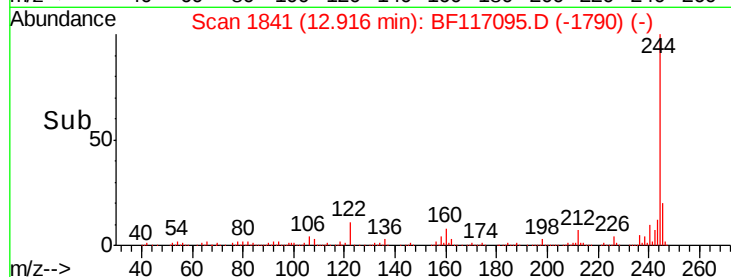
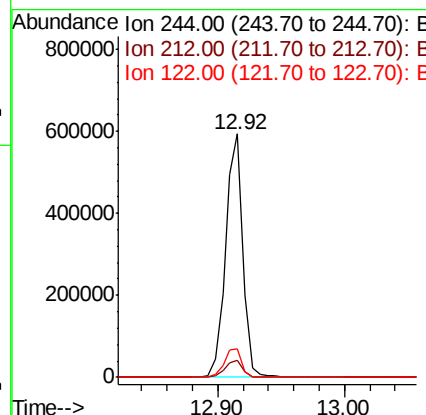
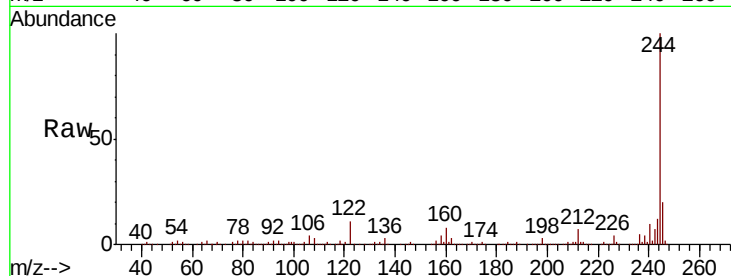




#79
 Terphenyl-d14
 Concen: 73.593 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117095.D
 Acq: 17 Sep 2019 9:57

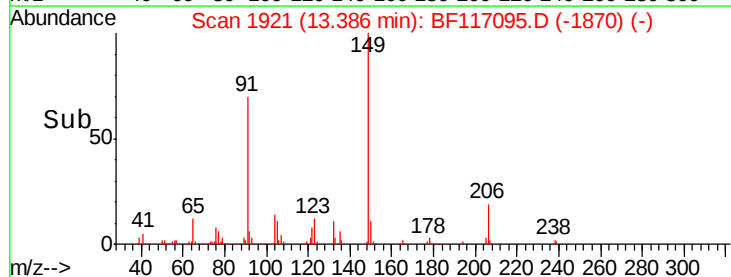
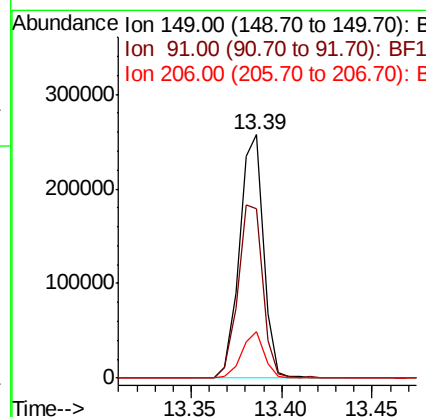
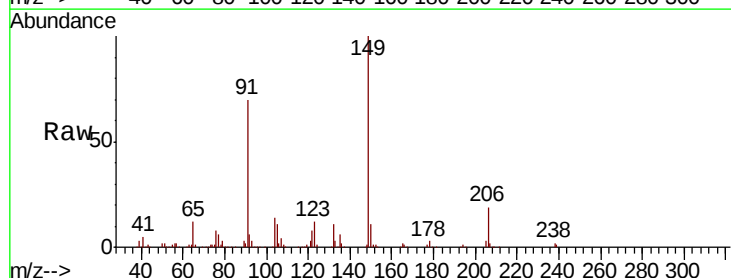
Instrument :
 BNA_F
 ClientSampleId :

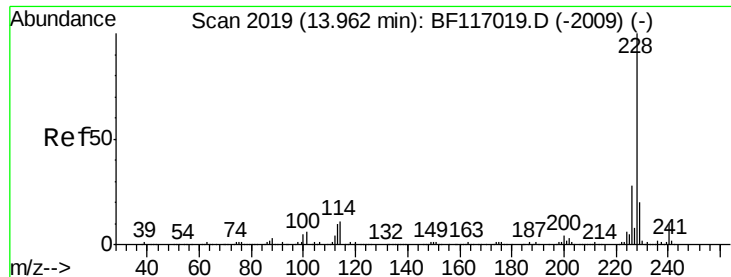
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.5	11.3	16.9



#80
 Butylbenzylphthalate
 Concen: 42.177 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: BF117095.D
 Acq: 17 Sep 2019 9:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.7	58.8	88.2
206	19.0	14.1	21.1





#81

Benzo(a)anthracene

Concen: 38.759 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

Instrument :

BNA_F

ClientSampled :

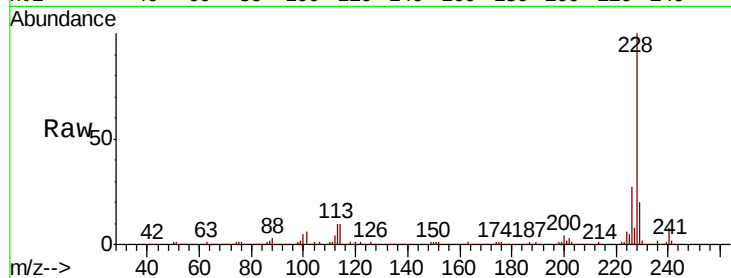
Tot Ion:228 Resp: 368732

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

229 19.8 15.9 23.9

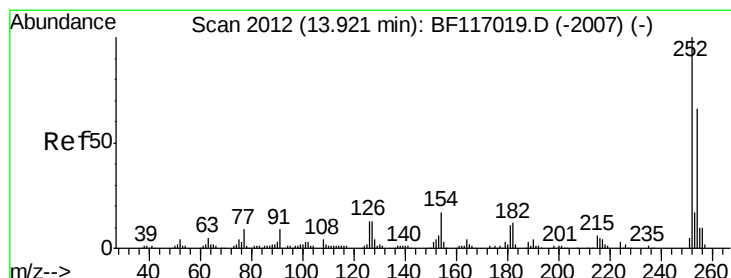
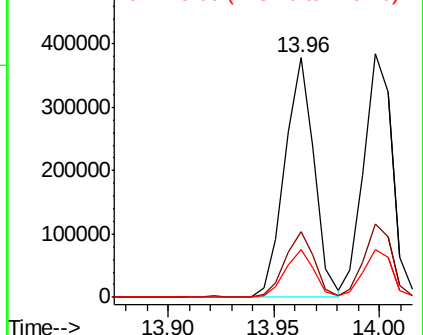
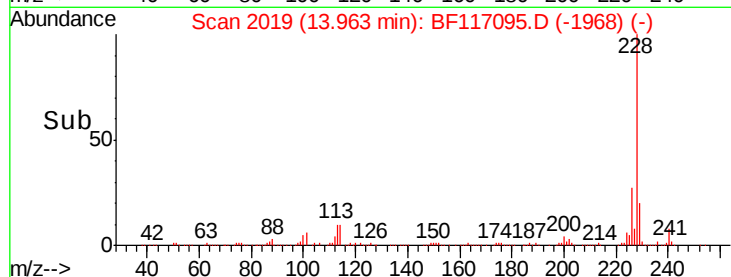


Abundance

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: 27.180 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

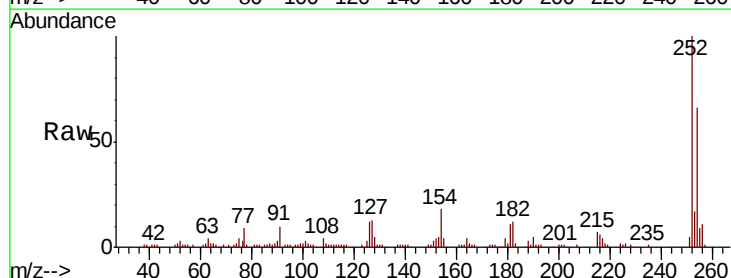
Tgt Ion:252 Resp: 83325

Ion Ratio Lower Upper

252 100

254 66.3 52.6 79.0

126 12.3 10.4 15.6

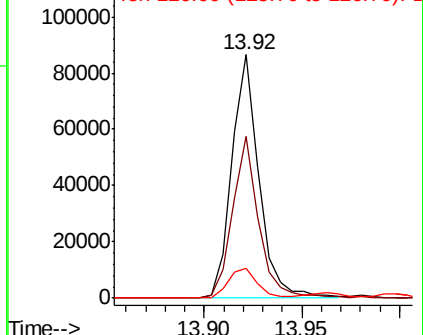
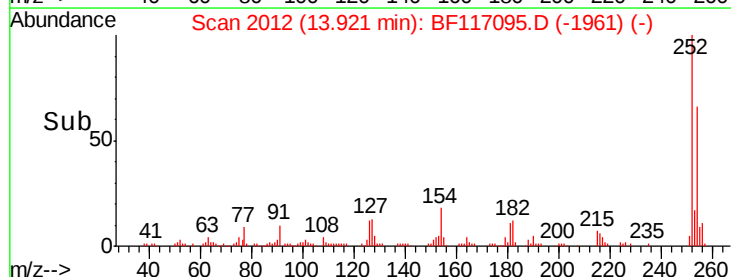


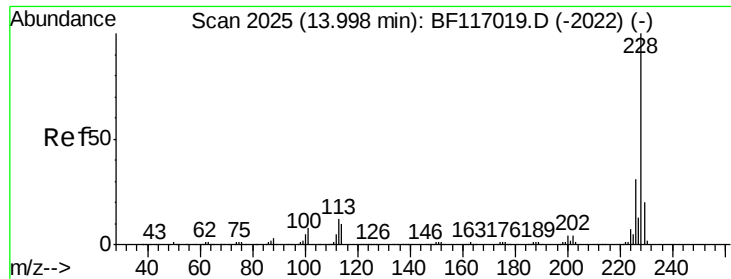
Abundance

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: 39.621 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

Instrument :

BNA_F

ClientSampled :

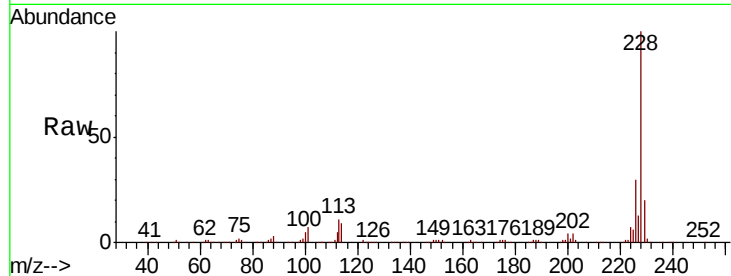
Tot Ion:228 Resp: 367626

Ion Ratio Lower Upper

228 100

226 30.4 24.8 37.2

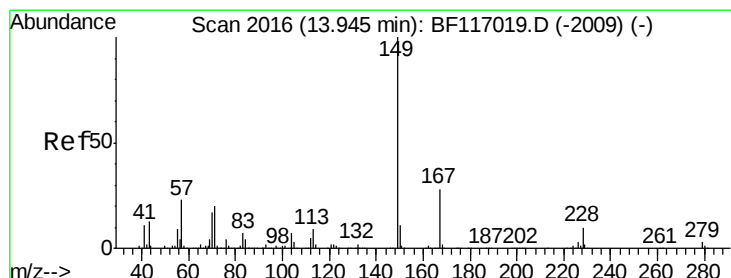
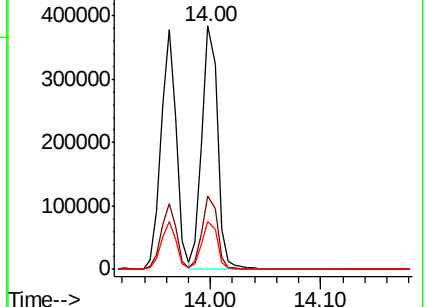
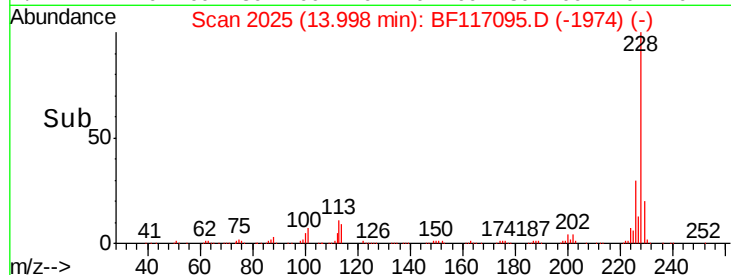
229 19.6 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.820 ng

RT: 13.95 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

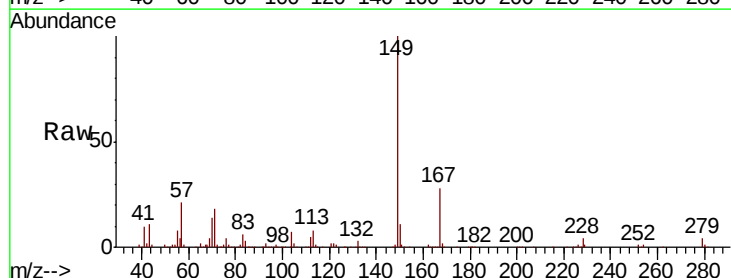
Tgt Ion:149 Resp: 304407

Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.2

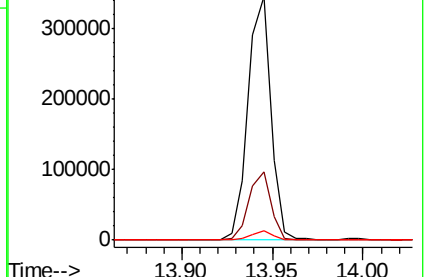
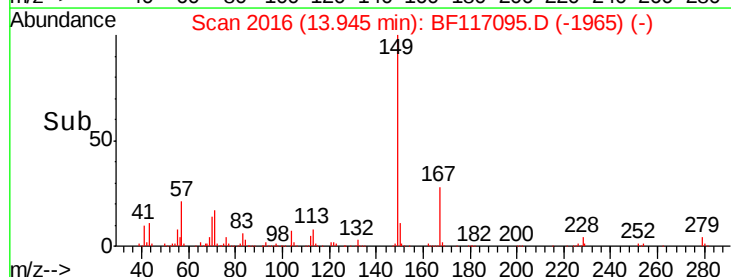
279 3.6 2.8 4.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

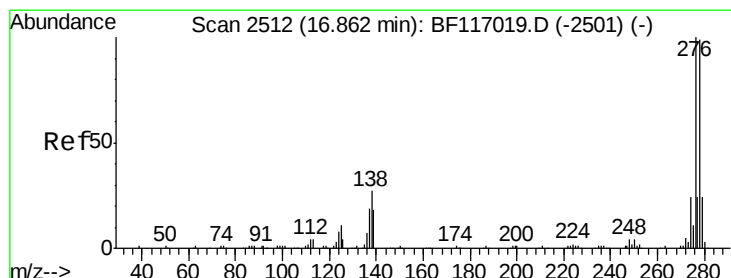
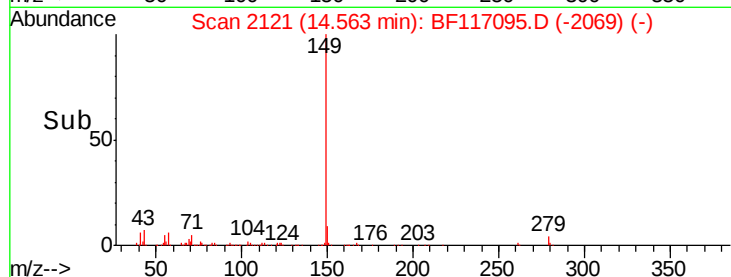
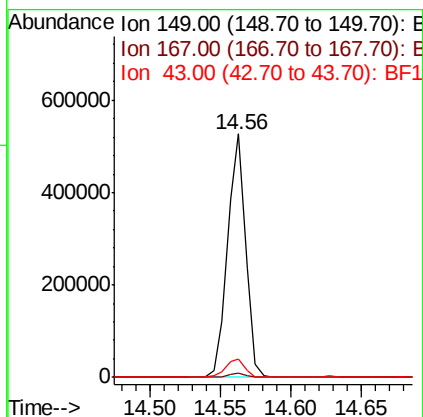
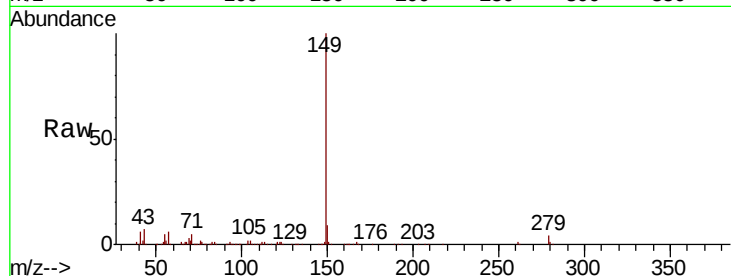




#85
Di-n-octyl phthalate
Concen: 40.811 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

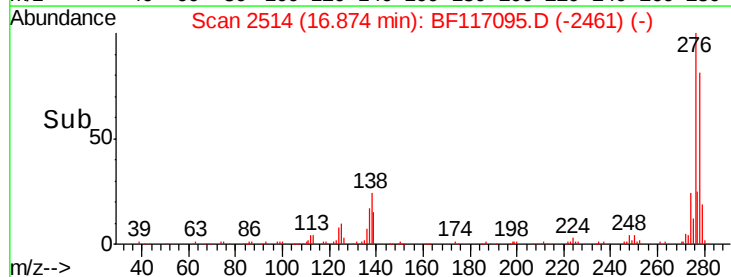
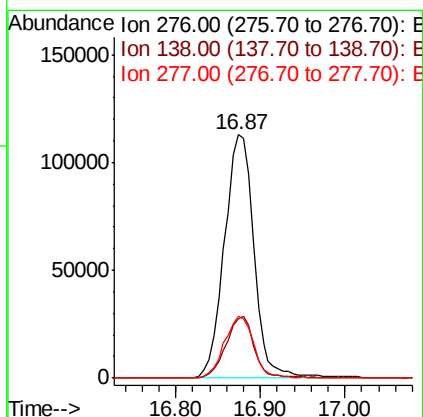
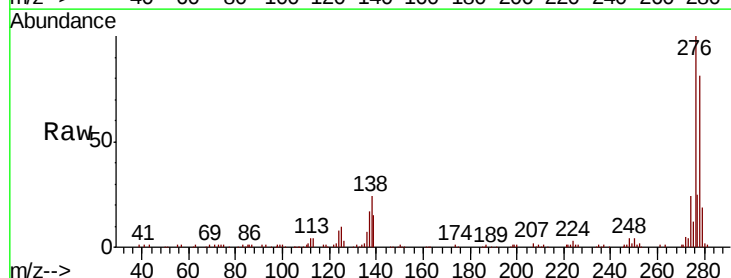
Instrument :
BNA_F
ClientSampleId :

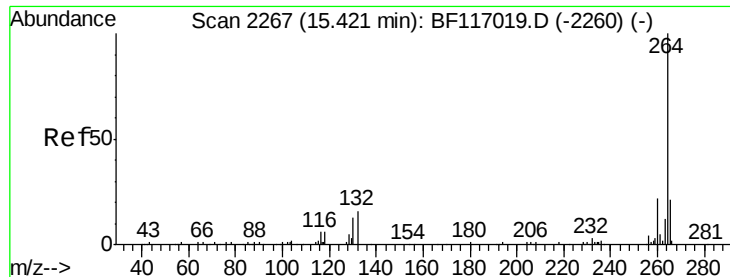
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.7	6.2	9.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.427 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	20.7	31.1
277	24.9	19.8	29.8



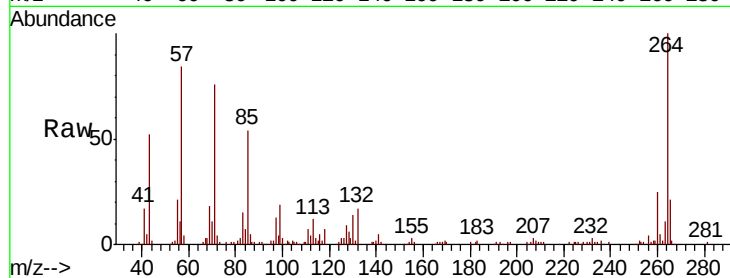


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

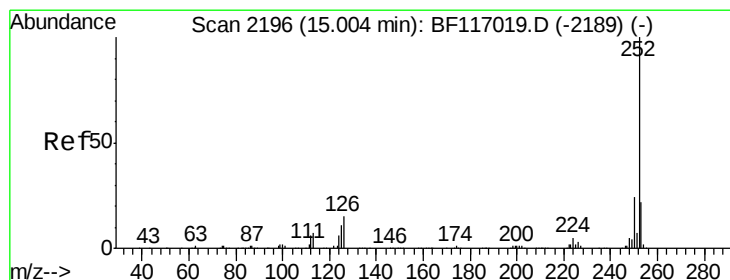
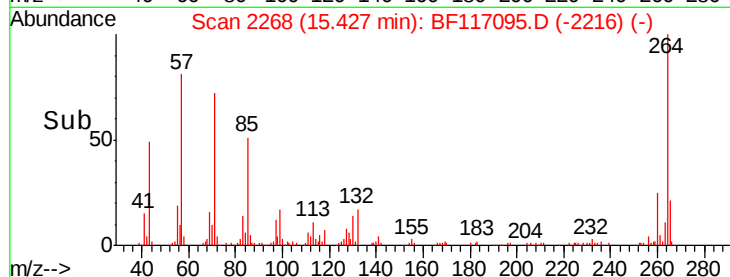
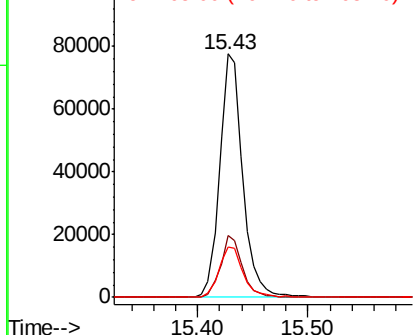
Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 112821

Ion	Ratio	Lower	Upper
264	100		
260	25.4	17.6	26.4
265	20.9	16.6	24.8



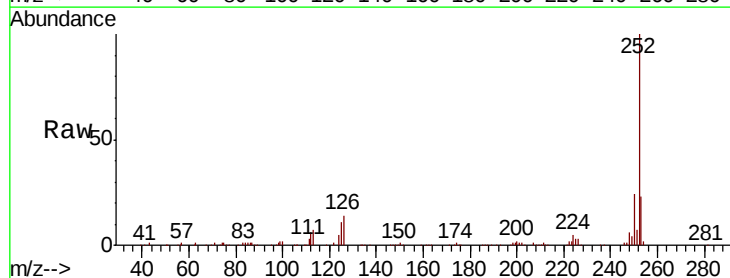
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



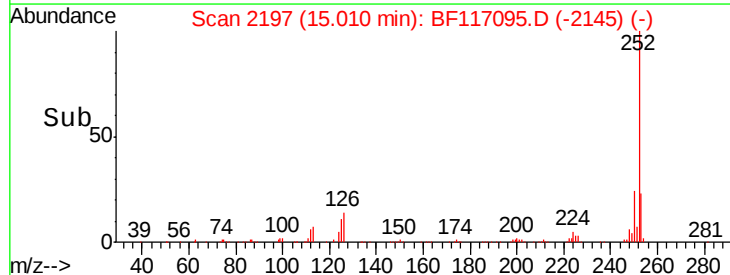
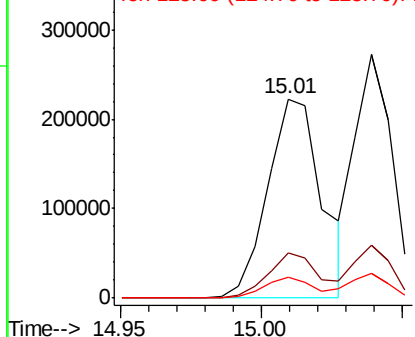
#88
Benzo(b)fluoranthene
Concen: 43.397 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117095.D
Acq: 17 Sep 2019 9:57

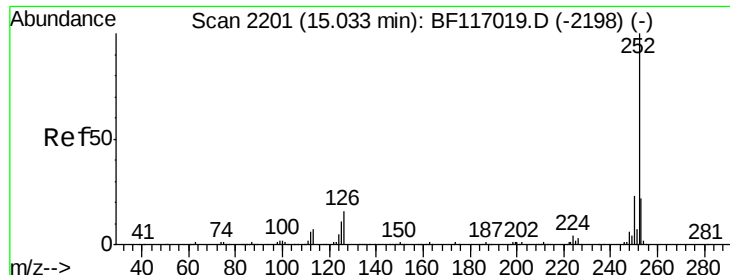
Tgt Ion:252 Resp: 296572

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	10.7	8.6	12.8



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





#89

Benzo(k)fluoranthene

Concen: 39.966 ng

RT: 15.04 min Scan# 2202

Delta R.T. 0.01 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

Instrument :

BNA_F

ClientSampleId :

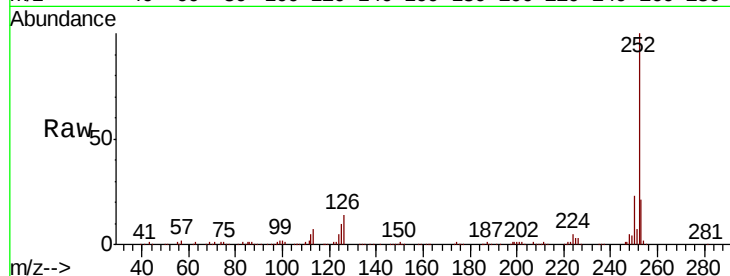
Tot Ion:252 Resp: 258726

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

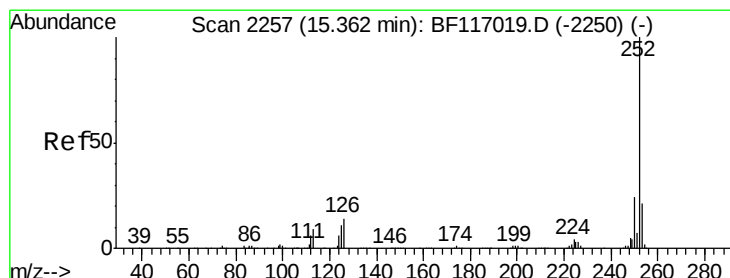
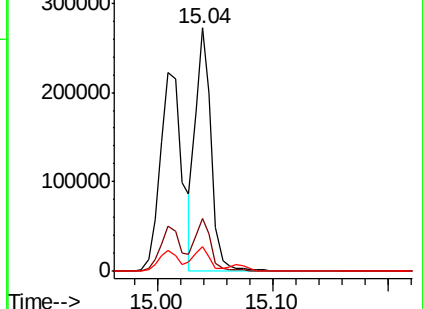
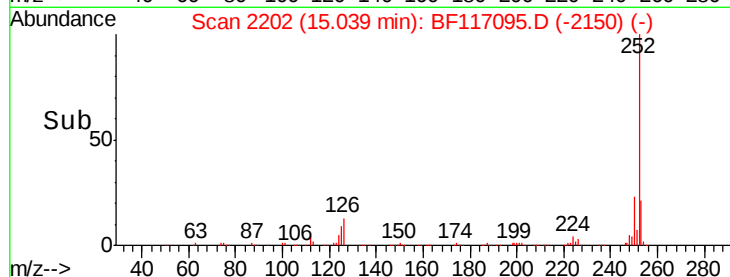
125 10.1 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.212 ng

RT: 15.37 min Scan# 2258

Delta R.T. 0.01 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

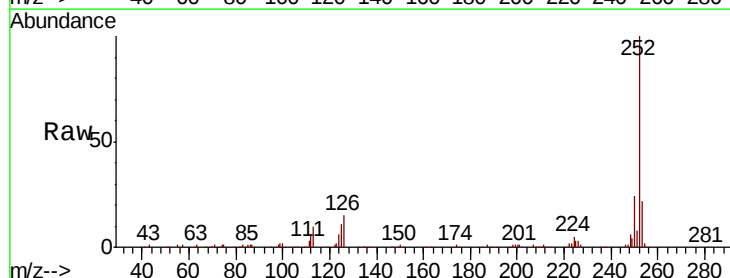
Tgt Ion:252 Resp: 259138

Ion Ratio Lower Upper

252 100

253 21.6 16.6 25.0

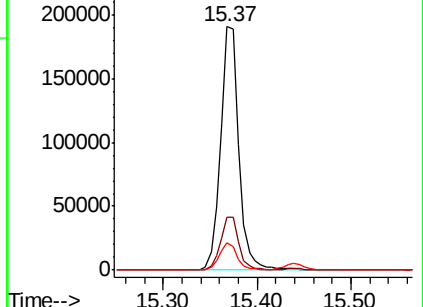
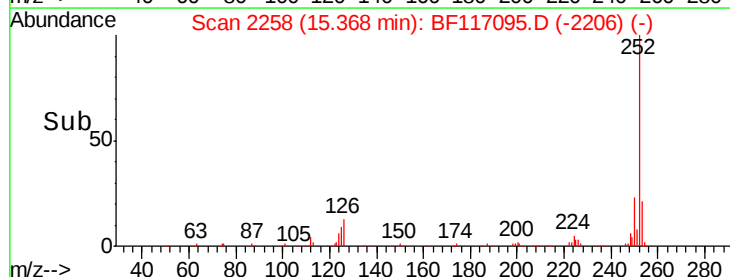
125 11.1 8.9 13.3

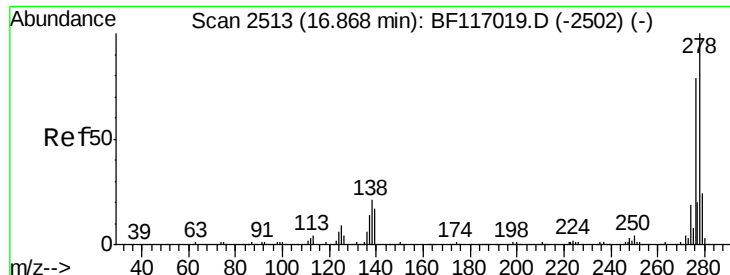


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.126 ng

RT: 16.89 min Scan# 2516

Delta R.T. 0.02 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

Instrument :

BNA_F

ClientSampleId :

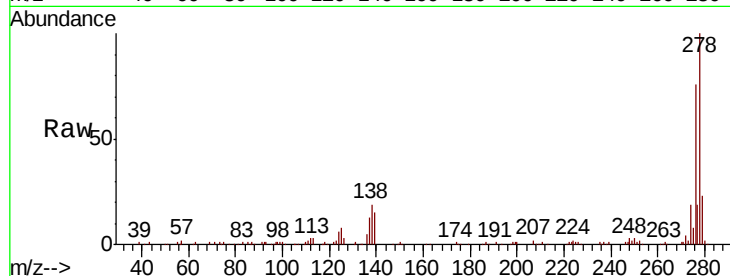
Tot Ion:278 Resp: 229914

Ion Ratio Lower Upper

278 100

139 14.6 13.5 20.3

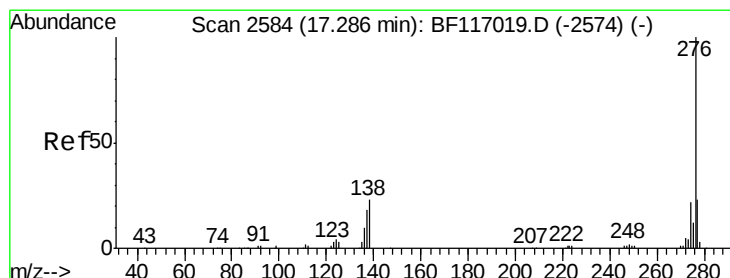
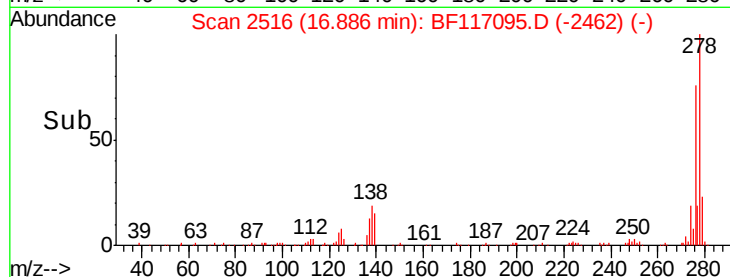
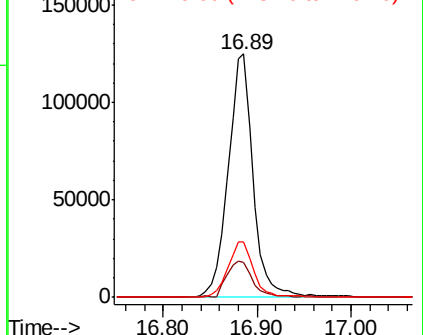
279 22.6 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.632 ng

RT: 17.31 min Scan# 2588

Delta R.T. 0.02 min

Lab File: BF117095.D

Acq: 17 Sep 2019 9:57

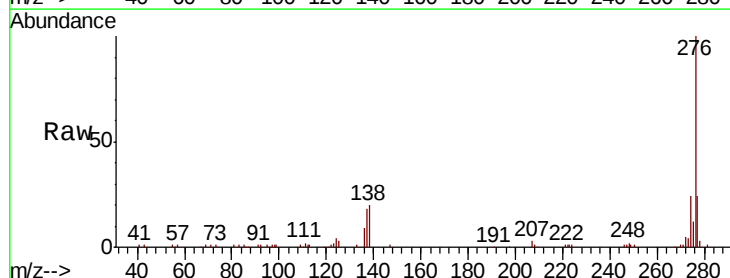
Tgt Ion:276 Resp: 226757

Ion Ratio Lower Upper

276 100

277 23.7 18.6 27.8

138 20.3 18.0 27.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

