

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117187.D
 Acq On : 20 Sep 2019 16:04
 Operator : HP/JU
 Sample : PB123244BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 22:59:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	45271	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	183704	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	98243	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	157637	20.00	ng	0.01
76) Chrysene-d12	13.99	240	103446	20.00	ng	0.01
87) Perylene-d12	15.44	264	81001	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	245023	84.50	ng	0.02
7) Phenol-d6	6.47	99	331164	88.37	ng	0.01
23) Nitrobenzene-d5	7.39	82	304101	86.98	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	82969	101.05	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	605883	96.43	ng	0.00
79) Terphenyl-d14	12.93	244	578662	104.56	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.68	88	32347	26.659	ng	96
3) Pyridine	3.42	79	83099	25.022	ng	96
4) n-Nitrosodimethylamine	3.38	42	47907	42.034	ng	# 76
6) Aniline	6.49	93	153707	31.858	ng	# 80
8) 2-Chlorophenol	6.61	128	134333	42.943	ng	98
9) Benzaldehyde	6.37	77	96739	55.267	ng	96
10) Phenol	6.48	94	170681	41.315	ng	87
11) bis(2-Chloroethyl)ether	6.56	93	124487	41.000	ng	100
12) 1,3-Dichlorobenzene	6.76	146	134760	38.391	ng	98
13) 1,4-Dichlorobenzene	6.84	146	139770	39.017	ng	99
14) 1,2-Dichlorobenzene	6.99	146	135585	40.653	ng	97
15) Benzyl Alcohol	6.97	79	129105	44.926	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	113895	37.968	ng	64
17) 2-Methylphenol	7.08	107	110793	42.260	ng	# 90
18) Hexachloroethane	7.33	117	54816	39.777	ng	96
19) n-Nitroso-di-n-propylamine	7.24	70	100884	44.211	ng	91
20) 3+4-Methylphenols	7.24	107	143684	43.999	ng	# 78
22) Acetophenone	7.23	105	201472	43.166	ng	# 92
24) Nitrobenzene	7.41	77	151056	43.750	ng	96
25) Isophorone	7.65	82	272344	43.994	ng	99
26) 2-Nitrophenol	7.72	139	68475	46.171	ng	# 93
27) 2,4-Dimethylphenol	7.76	122	118885	50.550	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	161339	42.302	ng	99
29) 2,4-Dichlorophenol	7.97	162	111214	45.130	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	110889	41.651	ng	99
31) Naphthalene	8.13	128	383589	43.417	ng	98
32) Benzoic acid	7.93	122	64031	37.697	ng	98
33) 4-Chloroaniline	8.17	127	69492	17.734	ng	98
34) Hexachlorobutadiene	8.25	225	67065	44.400	ng	98
35) Caprolactam	8.56	113	17216	20.640	ng	98
36) 4-Chloro-3-methylphenol	8.67	107	132137	45.986	ng	97
37) 2-Methylnaphthalene	8.82	142	272350	45.777	ng	98
38) 1-Methylnaphthalene	8.92	142	250045	44.874	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	110732	43.649	ng	# 97

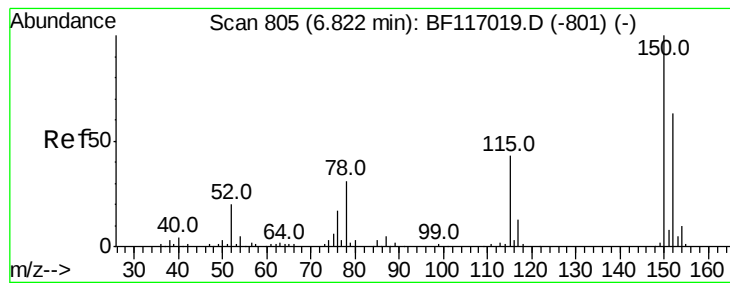
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117187.D
 Acq On : 20 Sep 2019 16:04
 Operator : HP/JU
 Sample : PB123244BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 22:59:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	123536	107.206	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	74920	43.517	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	81728	44.432	nq	97
46) 1,1'-Biphenyl	9.28	154	326848	42.414	nq	100
47) 2-Chloronaphthalene	9.31	162	253074	41.612	nq	99
48) 2-Nitroaniline	9.40	65	78023	39.996	nq	90
49) Acenaphthylene	9.72	152	397121	43.587	nq	99
50) Dimethylphthalate	9.58	163	309400	44.479	nq	98
51) 2,6-Dinitrotoluene	9.65	165	64842	45.769	nq	92
52) Acenaphthene	9.89	154	230116	42.608	nq	100
53) 3-Nitroaniline	9.82	138	36664	20.512	nq	95
54) 2,4-Dinitrophenol	9.93	184	48008	78.653	nq	88
55) Dibenzofuran	10.07	168	359897	45.165	nq	99
56) 4-Nitrophenol	10.00	139	82650	71.343	nq	87
57) 2,4-Dinitrotoluene	10.06	165	87222	47.429	nq	# 84
58) Fluorene	10.41	166	294564	45.890	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	57292	40.702	nq	94
60) Diethylphthalate	10.28	149	323398	47.256	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	135066	48.633	nq	98
62) 4-Nitroaniline	10.44	138	69451	37.361	nq	# 84
63) Azobenzene	10.56	77	324183	46.381	nq	96
65) 4,6-Dinitro-2-methylphenol	10.47	198	36303	50.177	nq	# 76
66) n-Nitrosodiphenylamine	10.52	169	255120	46.861	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	76924	47.783	nq	98
68) Hexachlorobenzene	10.96	284	79688	45.257	nq	98
69) Atrazine	11.05	200	71589	56.681	nq	97
70) Pentachlorophenol	11.16	266	74414	90.159	nq	97
71) Phenanthrene	11.37	178	400397	44.719	nq	100
72) Anthracene	11.42	178	418141	45.743	nq	100
73) Carbazole	11.57	167	360870	41.591	nq	99
74) Di-n-butylphthalate	11.90	149	518217	50.198	nq	99
75) Fluoranthene	12.56	202	396631	43.112	nq	98
77) Benzidine	12.67	184	223586	67.097	nq	97
78) Pyrene	12.79	202	388853	44.799	nq	99
80) Butylbenzylphthalate	13.39	149	198247	48.336	nq	95
81) Benzo(a)anthracene	13.97	228	292660	42.345	nq	98
82) 3,3'-Dichlorobenzidine	13.93	252	50114	22.501	nq	98
83) Chrysene	14.02	228	285258	42.318	nq	97
84) Bis(2-ethylhexyl)phthalate	13.95	149	295028	55.790	nq	97
85) Di-n-octyl phthalate	14.57	149	447816	53.803	nq	100
86) Indeno(1,2,3-cd)pyrene	16.90	276	198631	40.390	nq	97
88) Benzo(b)fluoranthene	15.02	252	206656	42.119	nq	99
89) Benzo(k)fluoranthene	15.05	252	226795	48.796	nq	97
90) Benzo(a)pyrene	15.39	252	200316	46.525	nq	98
91) Dibenzo(a,h)anthracene	16.91	278	168984	49.267	nq	97
92) Benzo(g,h,i)perylene	17.33	276	155038	45.360	nq	98

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

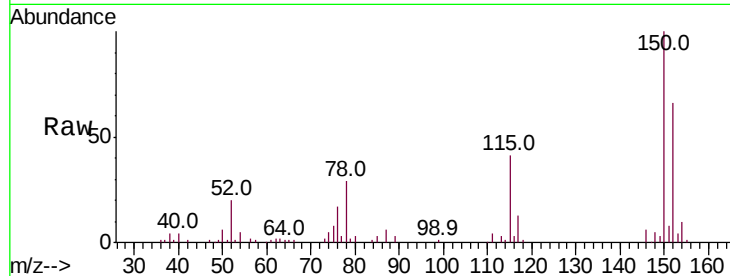


#1

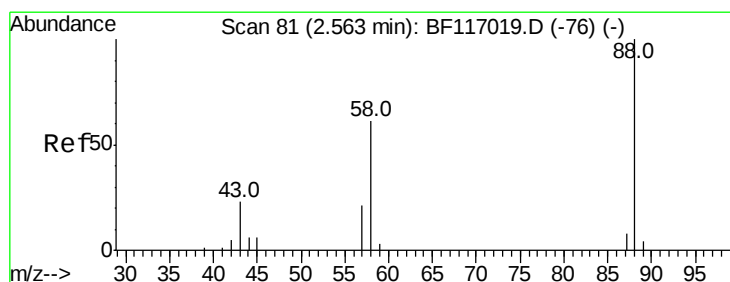
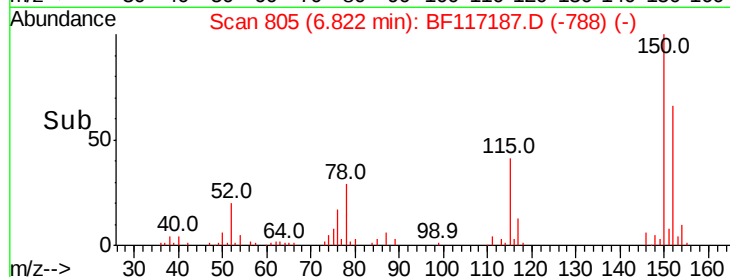
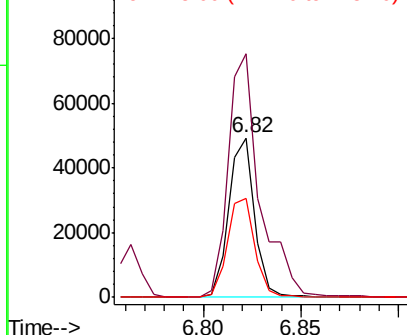
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 45271
Ion Ratio Lower Upper
152 100
150 152.6 127.5 191.3
115 62.2 55.0 82.4



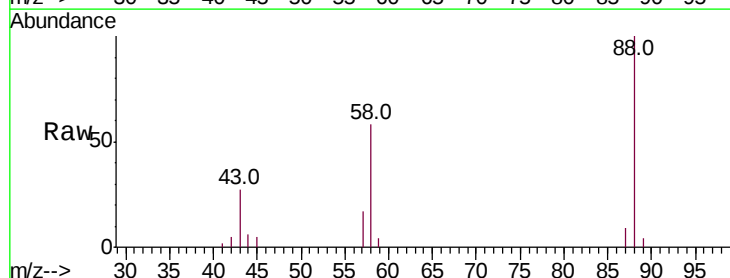
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



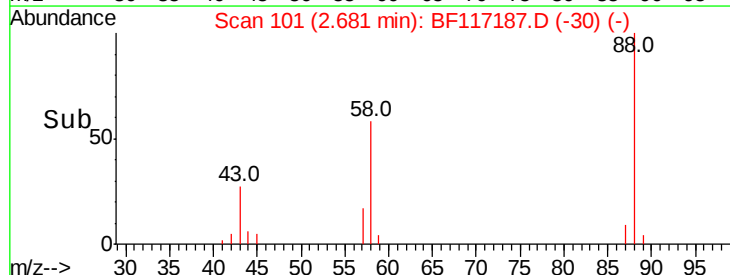
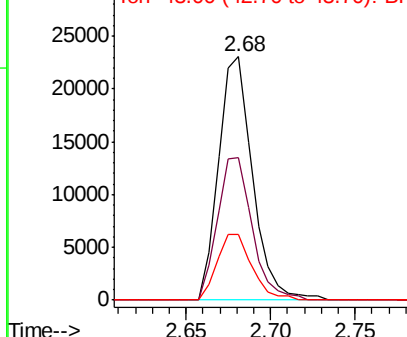
#2

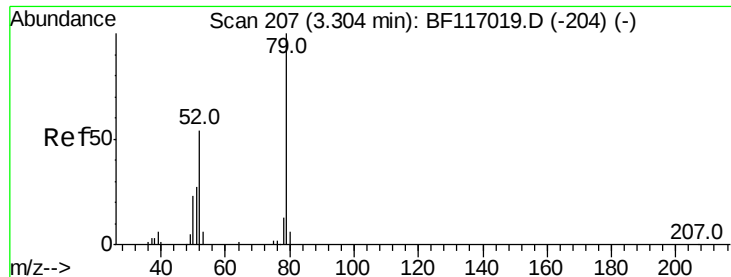
1,4-Dioxane
Concen: 26.659 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.12 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion: 88 Resp: 32347
Ion Ratio Lower Upper
88 100
58 59.5 49.3 73.9
43 27.5 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: 25.022 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.11 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Instrument :

BNA_F

ClientSampleId :

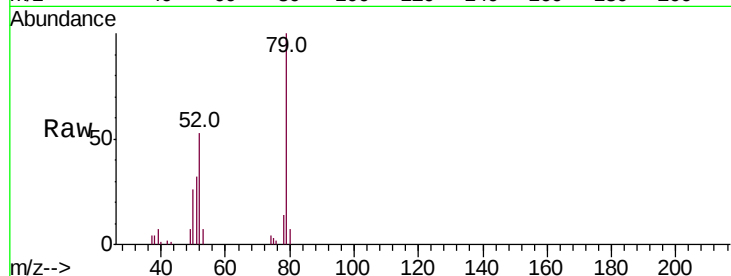
Tot Ion: 79 Resp: 83099

Ion Ratio Lower Upper

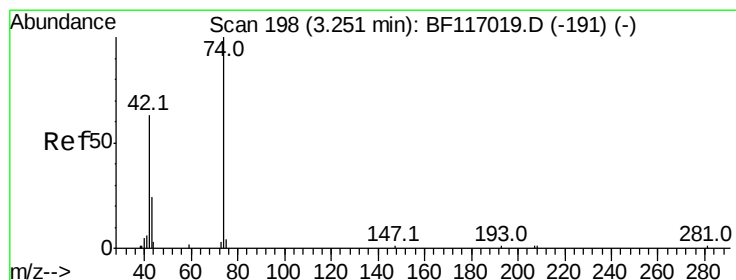
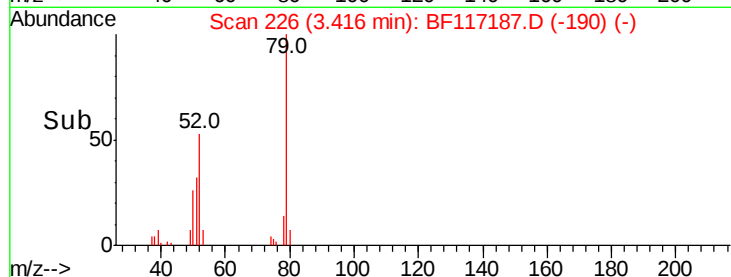
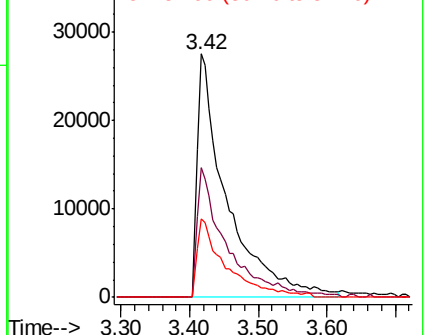
79 100

52 53.1 43.5 65.3

51 32.2 21.8 32.6



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



#4

n-Nitrosodimethylamine

Concen: 42.034 ng

RT: 3.38 min Scan# 219

Delta R.T. 0.12 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

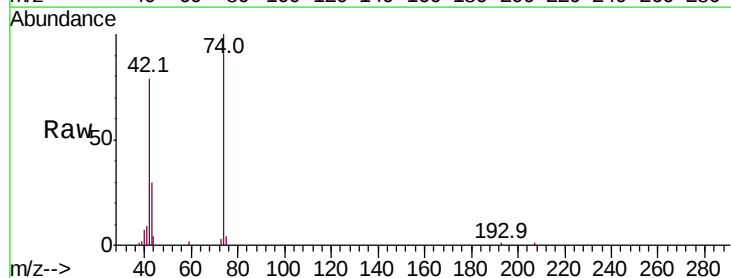
Tgt Ion: 42 Resp: 47907

Ion Ratio Lower Upper

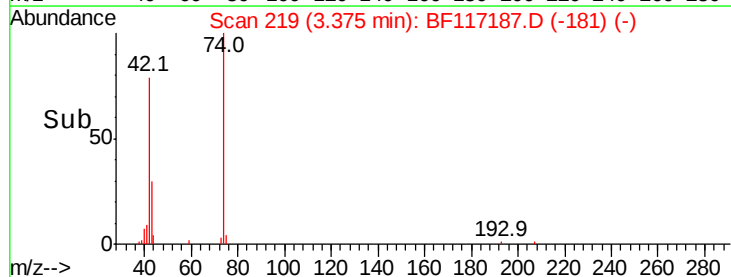
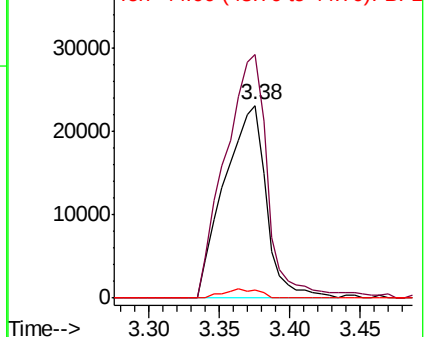
42 100

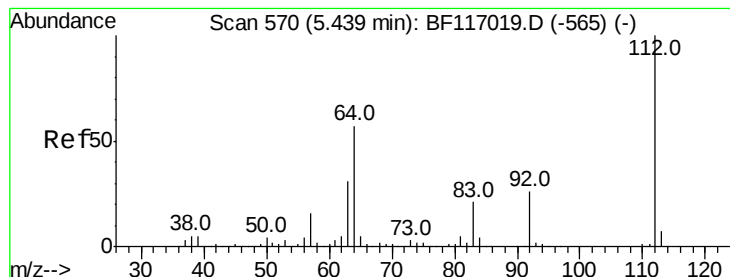
74 126.4 127.1 190.7#

44 4.5 4.3 6.5



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 84.500 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Instrument :

BNA_F

ClientSampleId :

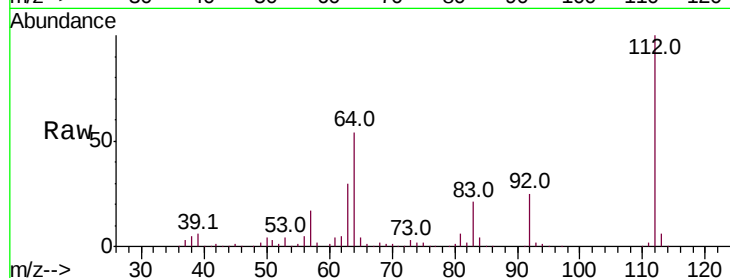
Tot Ion:112 Resp: 245023

Ion Ratio Lower Upper

112 100

64 54.1 45.7 68.5

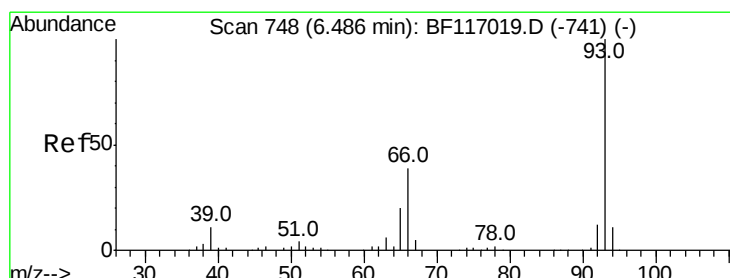
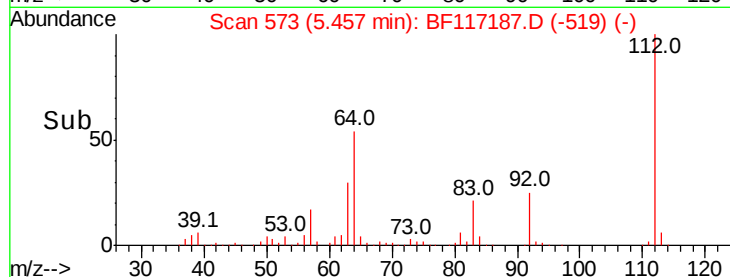
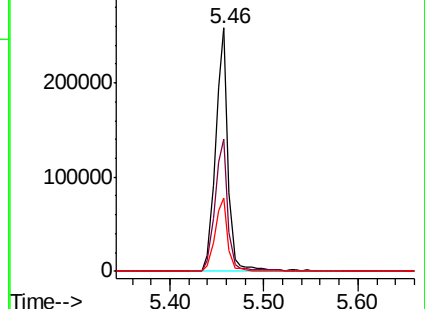
63 30.3 24.9 37.3



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: 31.858 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

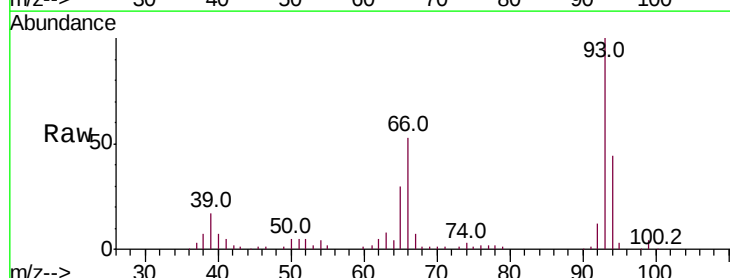
Tgt Ion: 93 Resp: 153707

Ion Ratio Lower Upper

93 100

66 53.3 32.6 49.0#

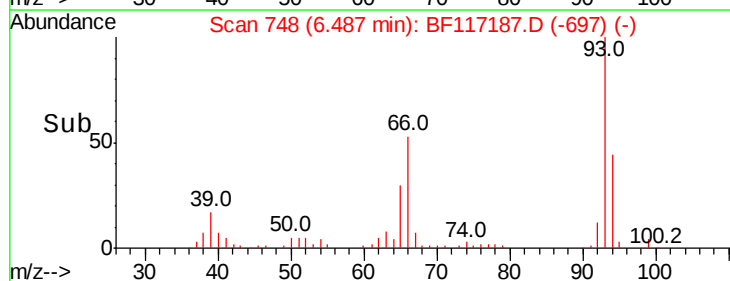
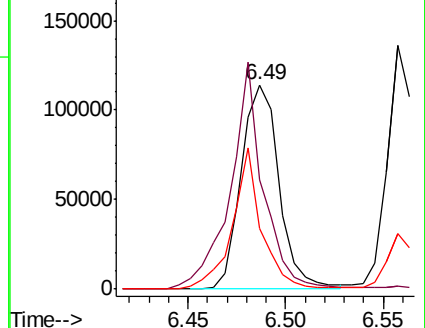
65 29.6 16.7 25.1#

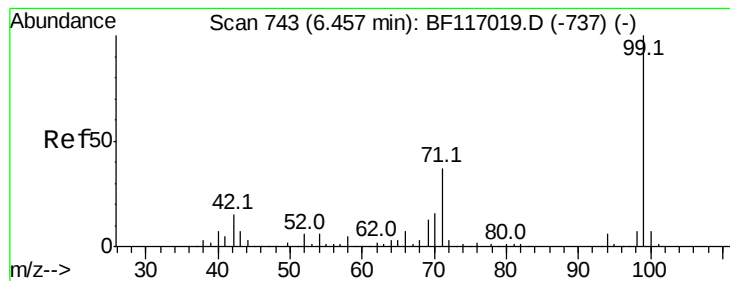


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 88.371 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Instrument :

BNA_F

ClientSampleId :

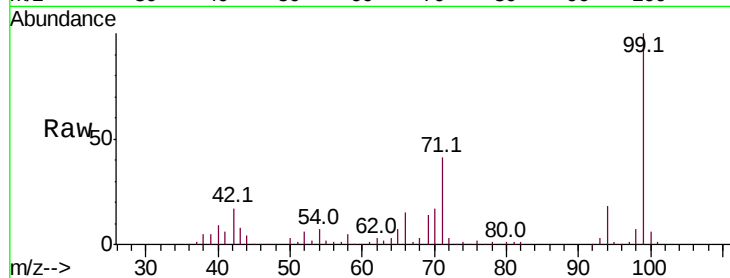
Tot Ion: 99 Resp: 331164

Ion Ratio Lower Upper

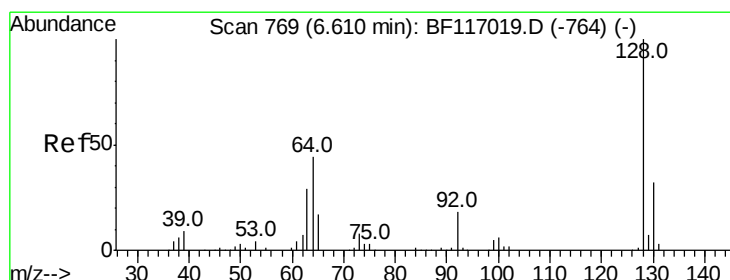
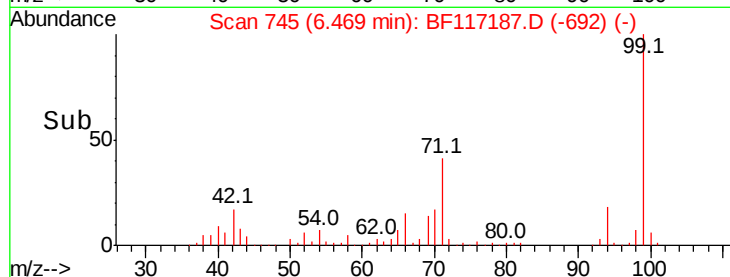
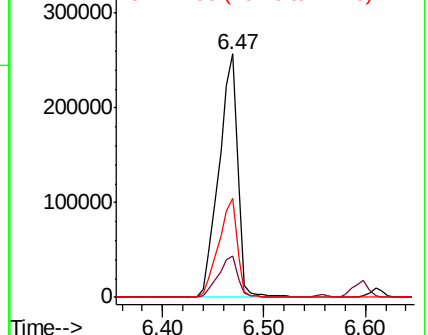
99 100

42 16.9 12.2 18.2

71 40.6 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: 42.943 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

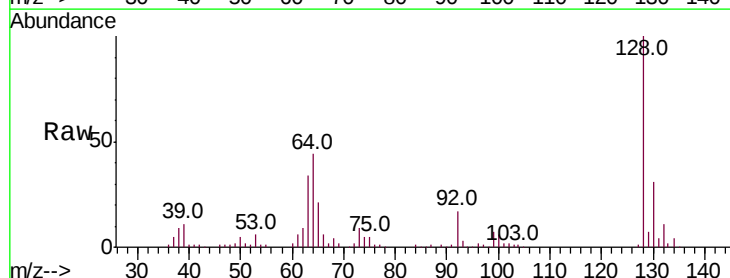
Tgt Ion: 128 Resp: 134333

Ion Ratio Lower Upper

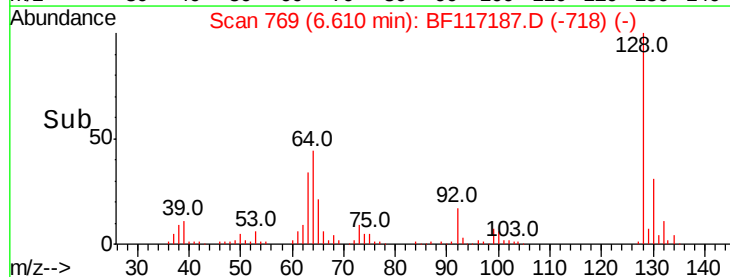
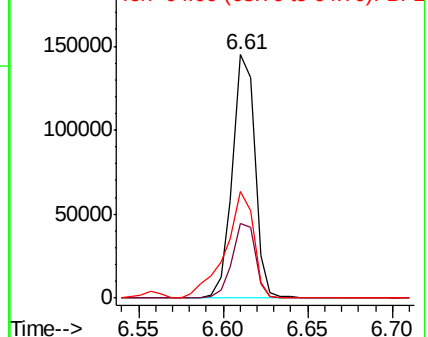
128 100

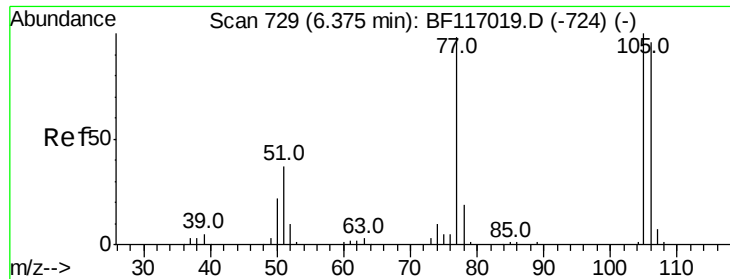
130 30.6 11.8 51.8

64 43.9 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

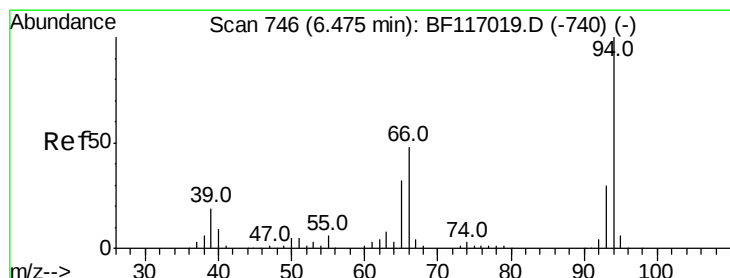
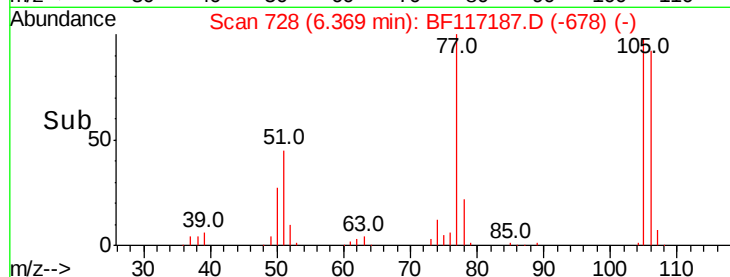
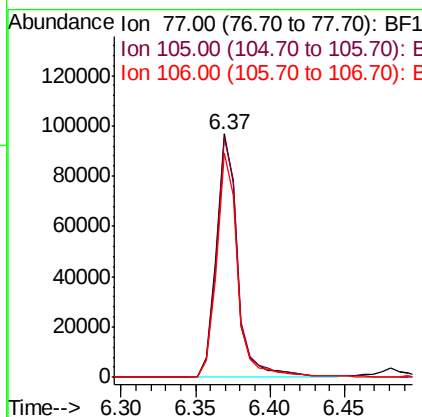
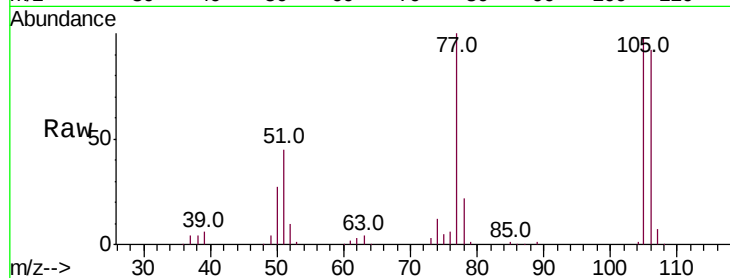




#9
Benzaldehyde
Concen: 55.267 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

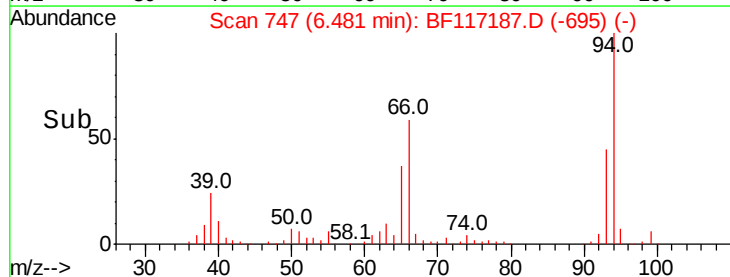
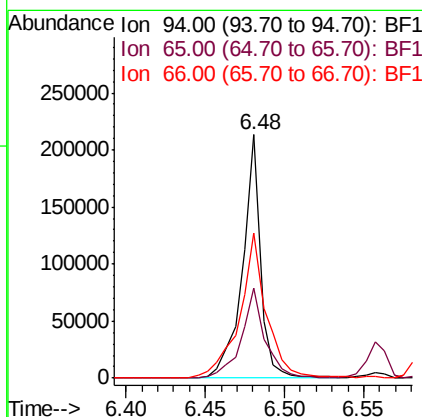
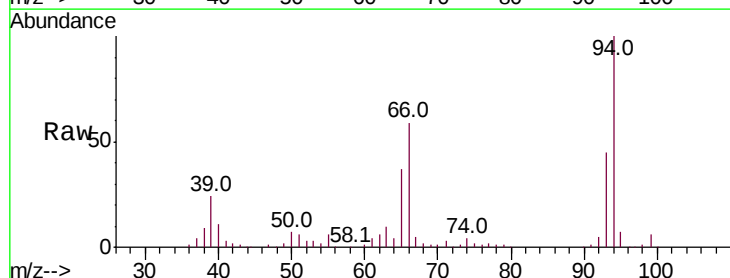
Instrument :
BNA_F
ClientSampleId :

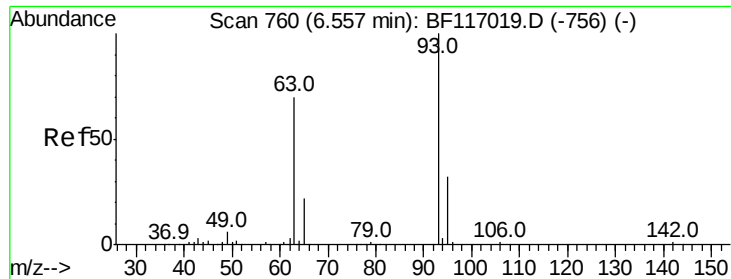
Tot Ion: 77 Resp: 96739
Ion Ratio Lower Upper
77 100
105 98.5 81.8 121.8
106 92.1 77.3 117.3



#10
Phenol
Concen: 41.315 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion: 94 Resp: 170681
Ion Ratio Lower Upper
94 100
65 37.0 12.5 52.5
66 59.4 28.9 68.9

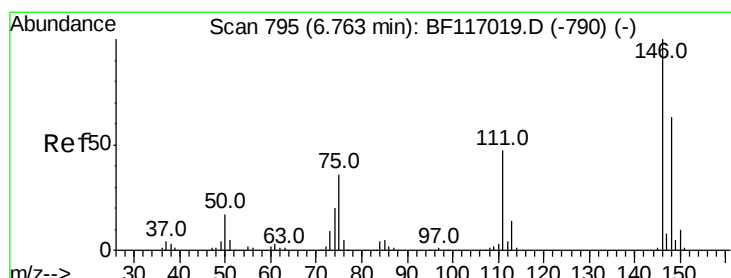
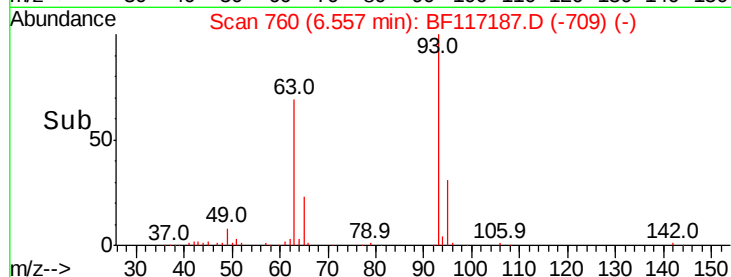
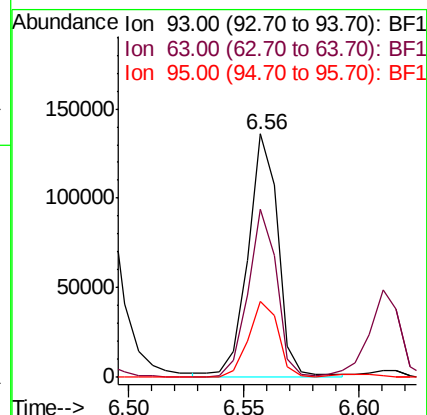
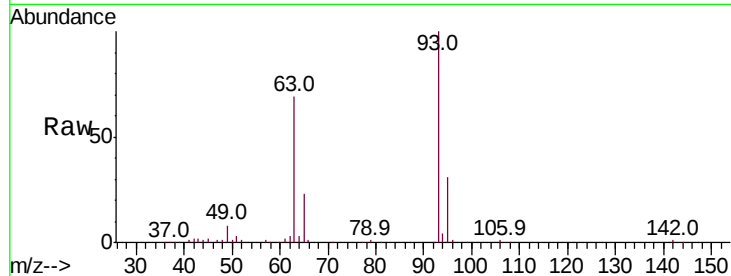




#11
bis(2-Chloroethyl)ether
Concen: 41.000 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

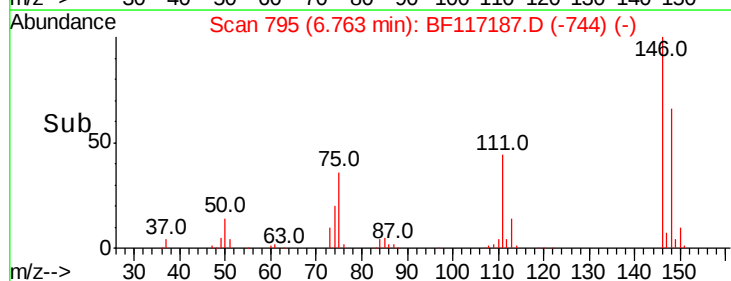
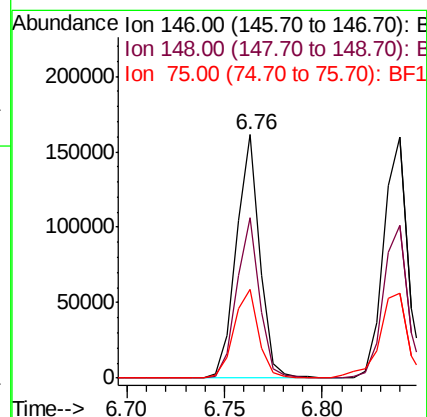
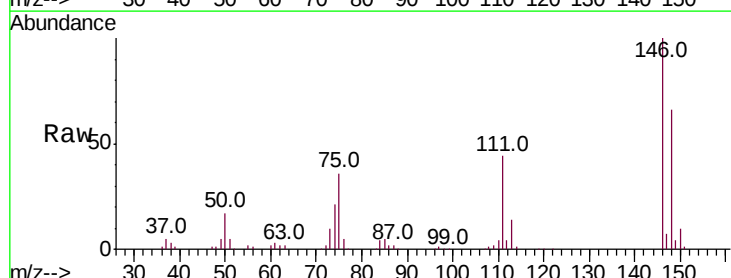
Instrument :
BNA_F
ClientSampleId :

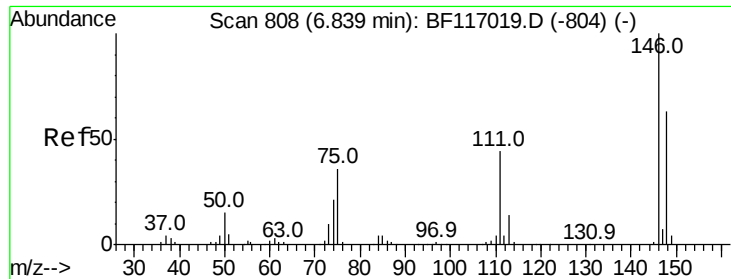
Tot Ion: 93 Resp: 124487
Ion Ratio Lower Upper
93 100
63 69.1 49.3 89.3
95 31.2 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 38.391 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion: 146 Resp: 134760
Ion Ratio Lower Upper
146 100
148 65.7 50.8 76.2
75 36.3 28.7 43.1

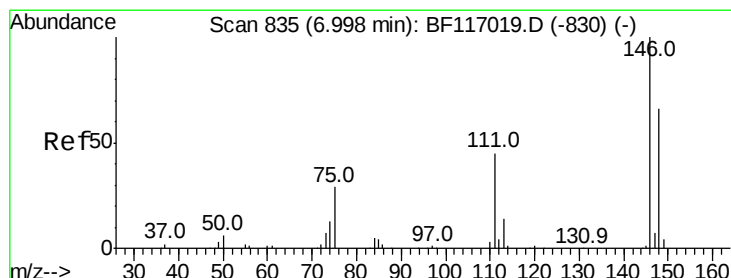
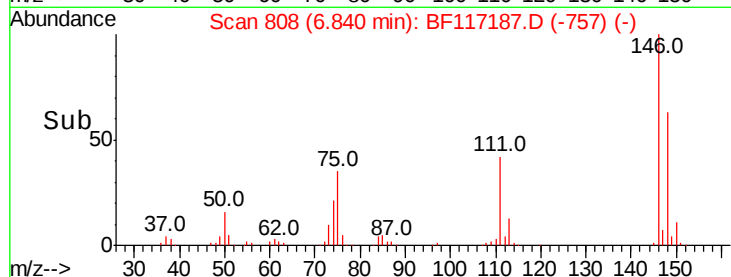
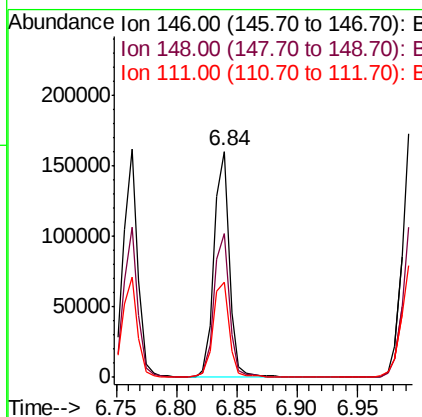
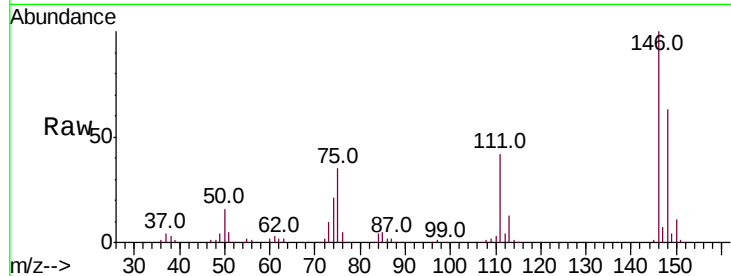




#13
 1,4-Dichlorobenzene
 Concen: 39.017 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

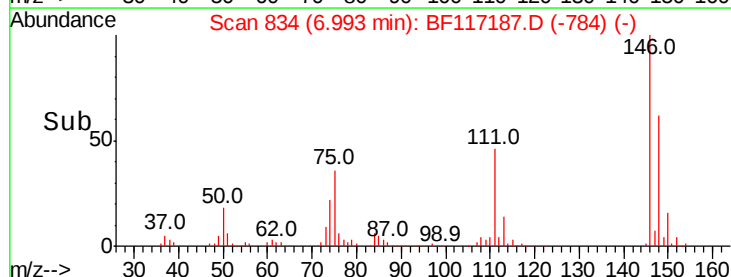
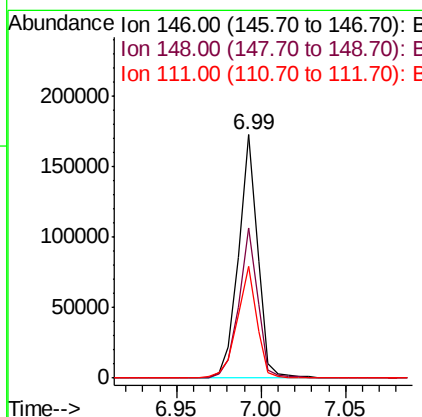
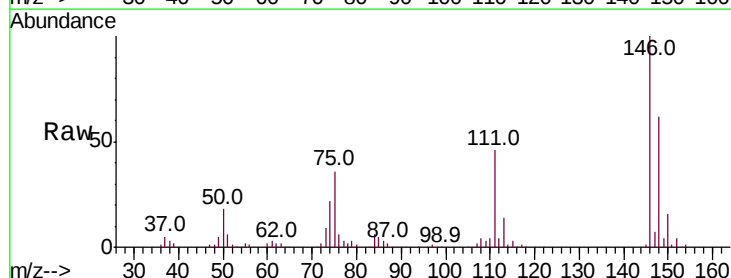
Instrument :
 BNA_F
 ClientSampled :

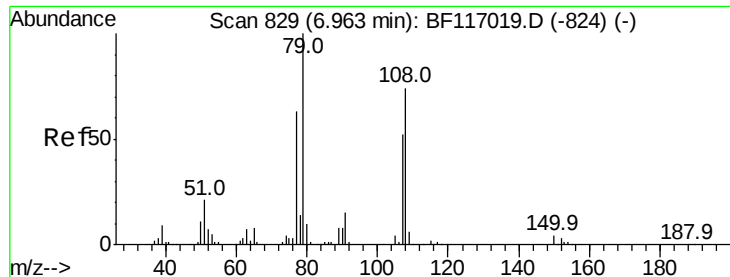
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
111	41.9	35.0	52.6



#14
 1,2-Dichlorobenzene
 Concen: 40.653 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	52.6	78.8
111	45.7	36.2	54.2





#15

Benzyl Alcohol

Concen: 44.926 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Instrument :

BNA_F

ClientSampled :

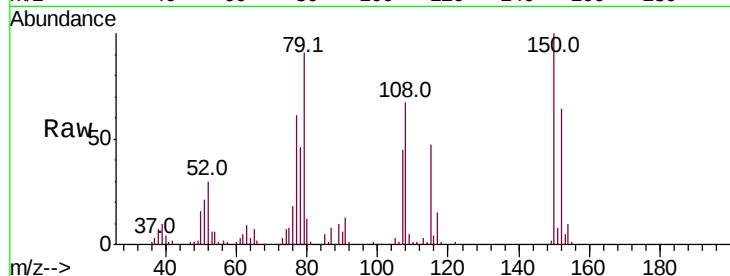
Tot Ion: 79 Resp: 129105

Ion Ratio Lower Upper

79 100

108 74.2 59.4 89.0

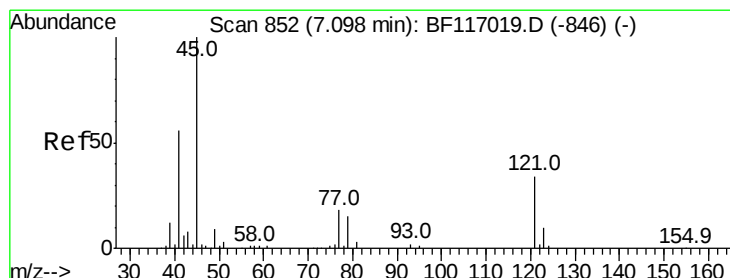
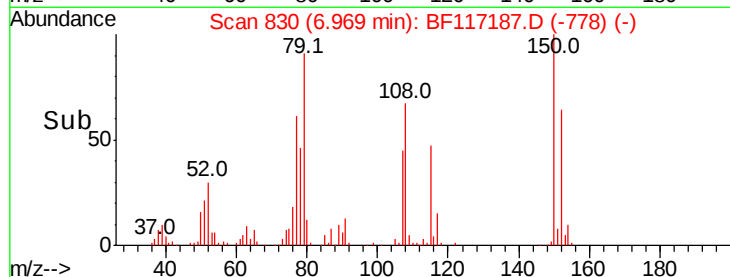
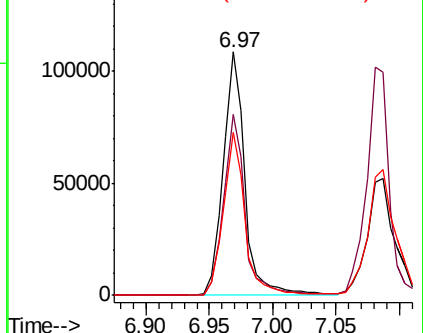
77 67.2 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.968 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

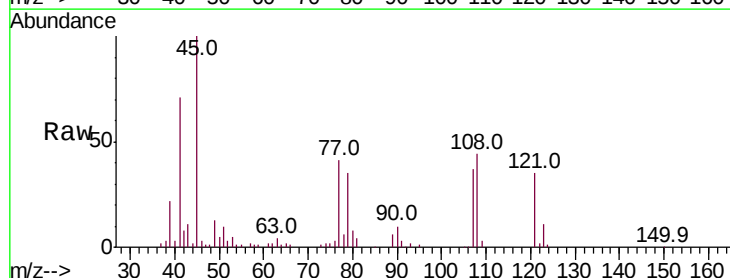
Tgt Ion: 45 Resp: 113895

Ion Ratio Lower Upper

45 100

77 41.0 2.7 42.7

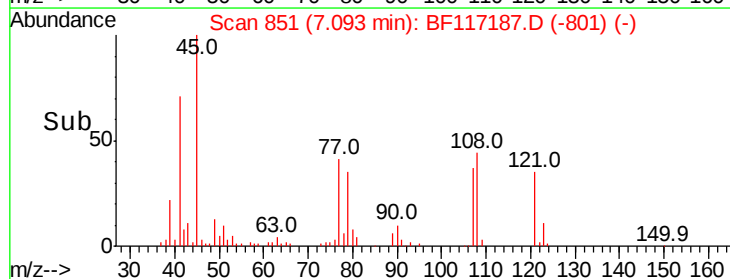
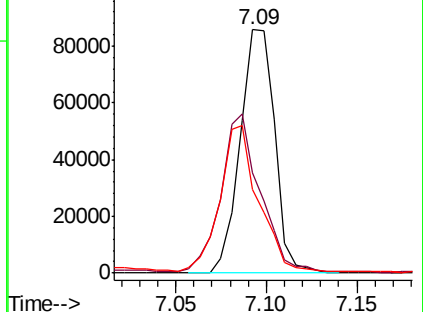
79 34.5 0.0 38.9

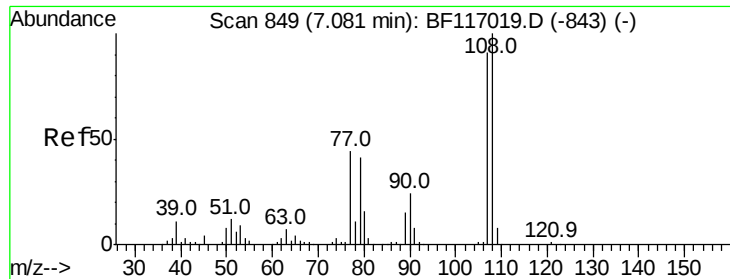


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

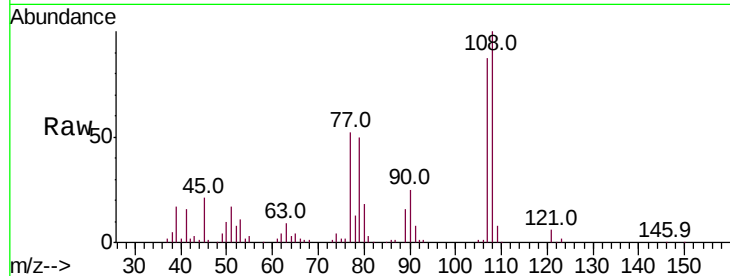




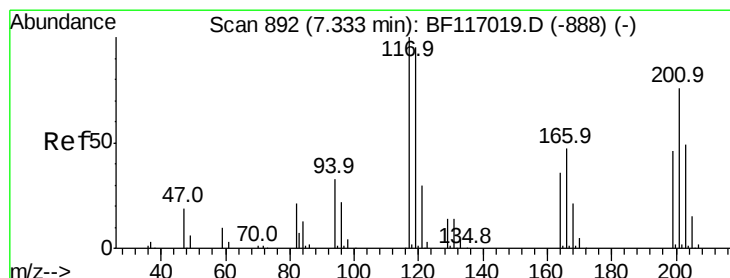
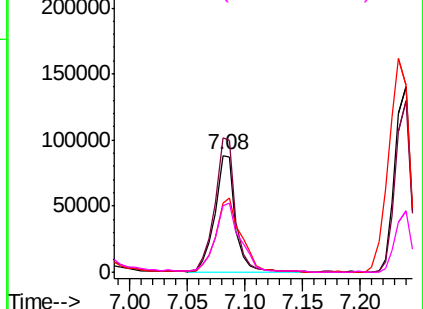
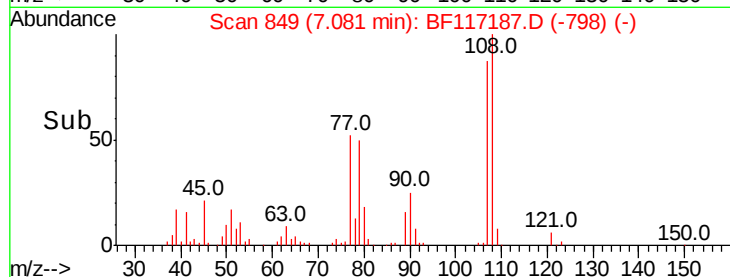
#17
2-Methylphenol
Concen: 42.260 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 110793
Ion Ratio Lower Upper
107 100
108 115.0 87.7 131.5
77 59.5 38.6 58.0#
79 57.2 36.8 55.2#

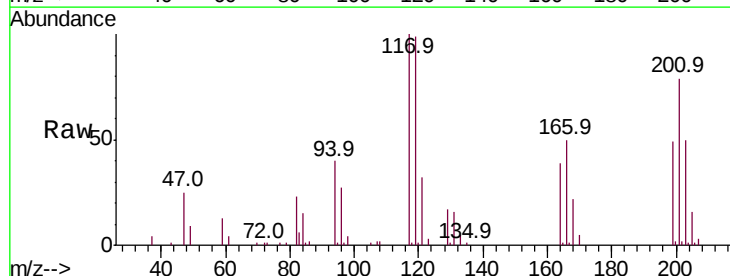


Abundance Ion 107.00 (106.70 to 107.70): E
250000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

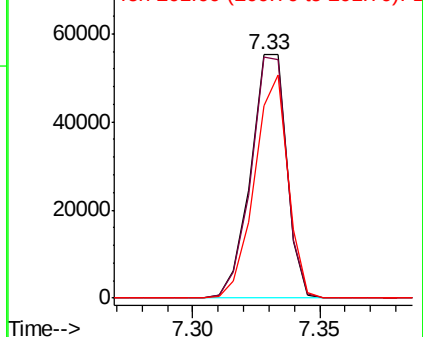
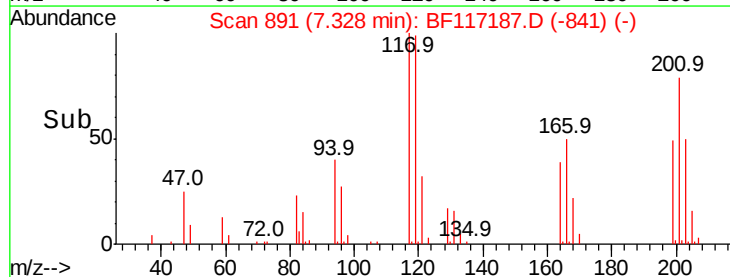


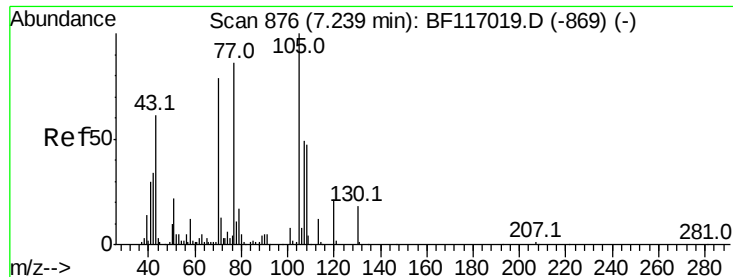
#18
Hexachloroethane
Concen: 39.777 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion:117 Resp: 54816
Ion Ratio Lower Upper
117 100
119 98.8 75.8 113.8
201 79.0 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

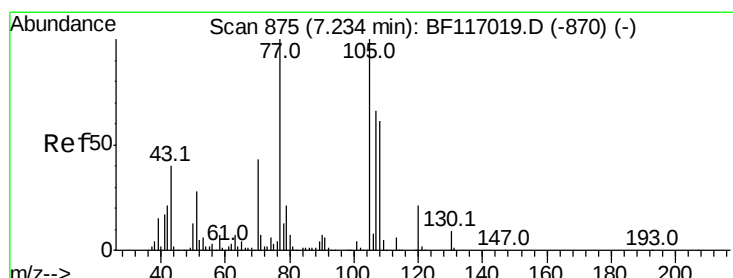
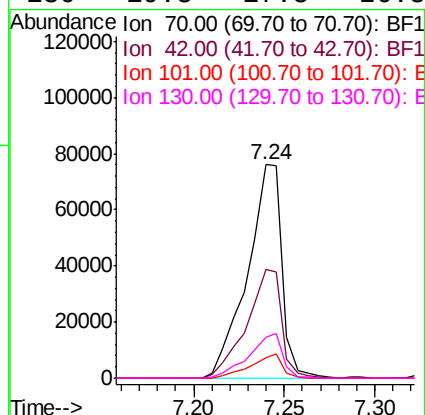
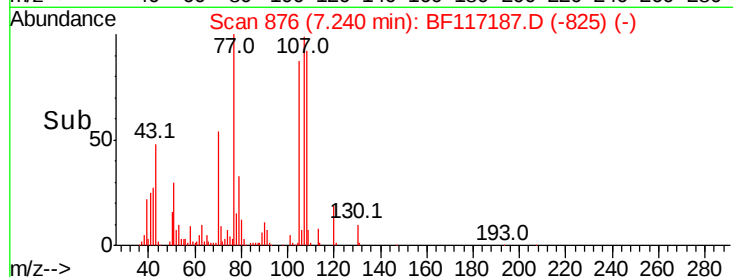
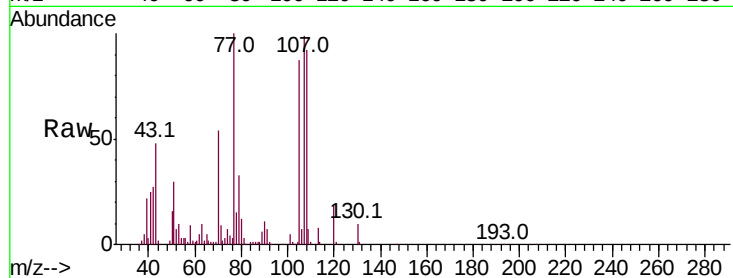




#19
n-Nitroso-di-n-propylamine
Concen: 44.211 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

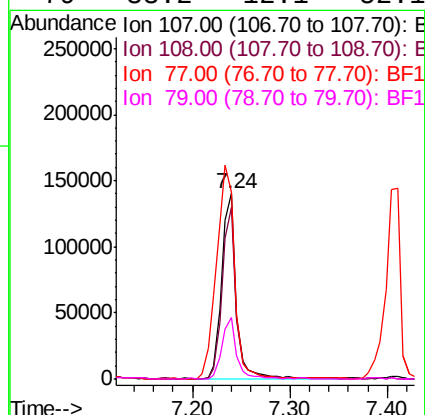
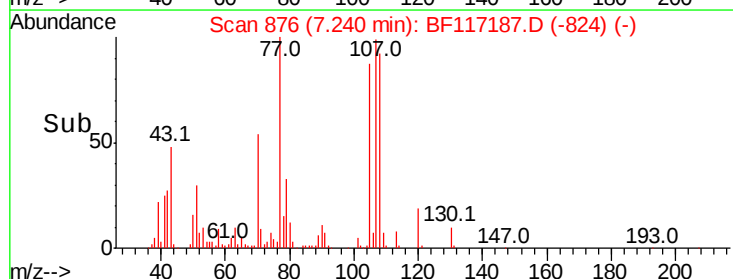
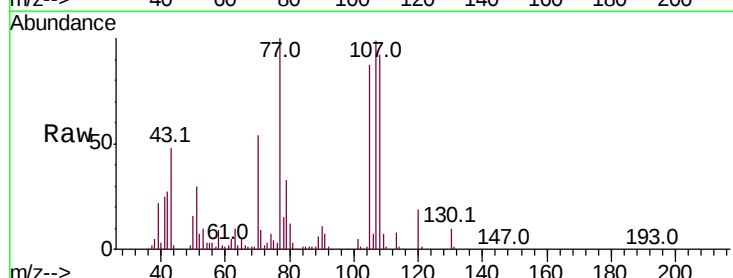
Instrument :
BNA_F
ClientSampled :

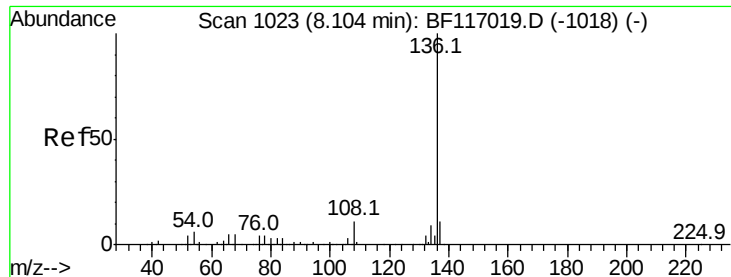
Tot Ion:	70	Resp:	100884
Ion	Ratio	Lower	Upper
70	100		
42	50.7	34.0	51.0
101	9.9	7.8	11.6
130	19.3	17.8	26.8



#20
3+4-Methylphenols
Concen: 43.999 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion:	107	Resp:	143684
Ion	Ratio	Lower	Upper
107	100		
108	92.9	72.6	112.6
77	101.0	132.1	172.1#
79	33.2	12.1	52.1

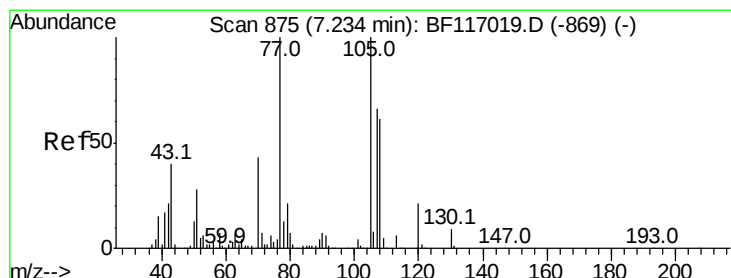
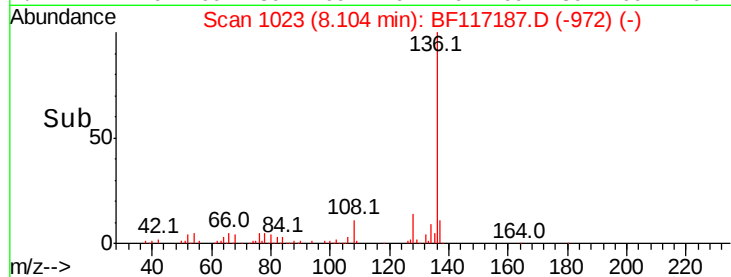
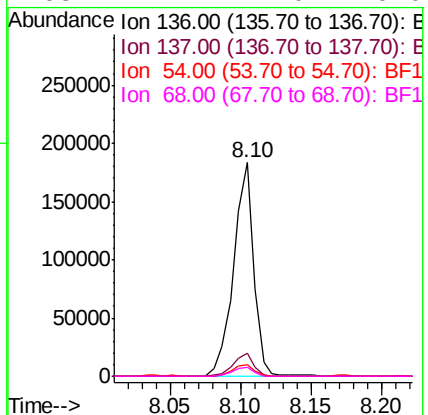
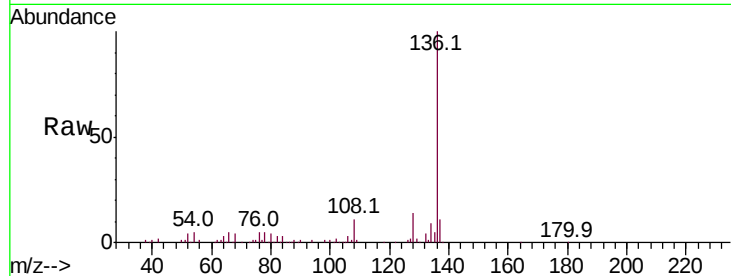




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

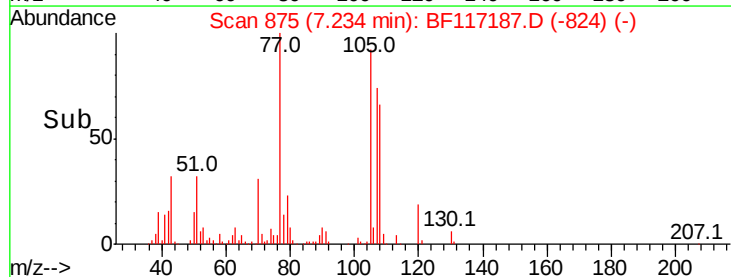
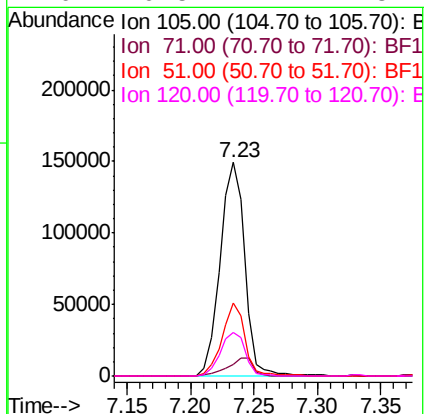
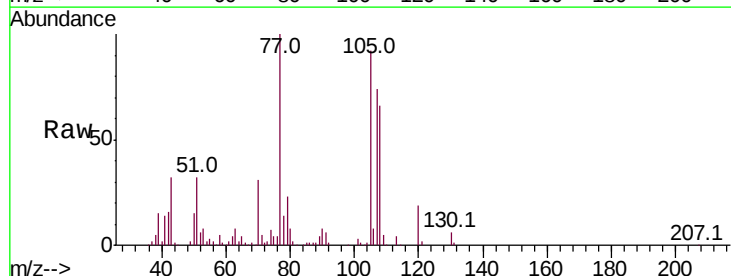
Instrument :
BNA_F
ClientSampleId :

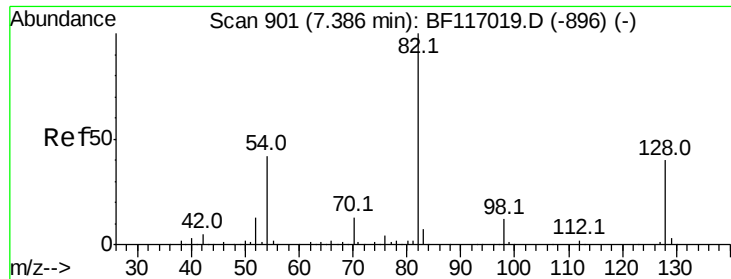
Tot Ion:136	Resp:	183704
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	5.2	4.5 6.7
68	4.2	4.0 6.0



#22
Acetophenone
Concen: 43.166 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion:105	Resp:	201472
Ion Ratio	Lower	Upper
105	100	
71	5.6	5.7 8.5#
51	34.3	22.1 33.1#
120	20.5	17.1 25.7

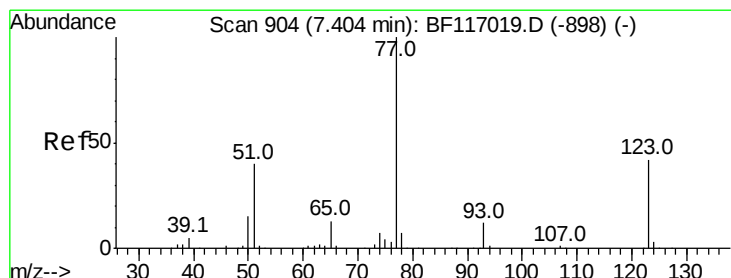
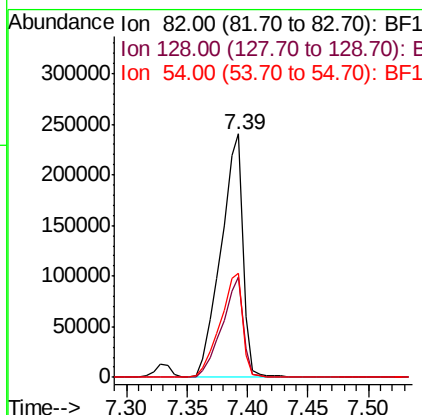
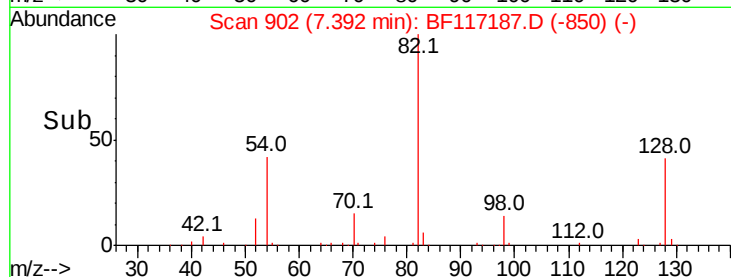
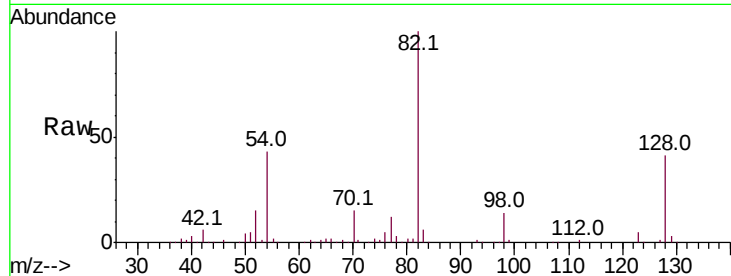




#23
 Nitrobenzene-d5
 Concen: 86.978 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

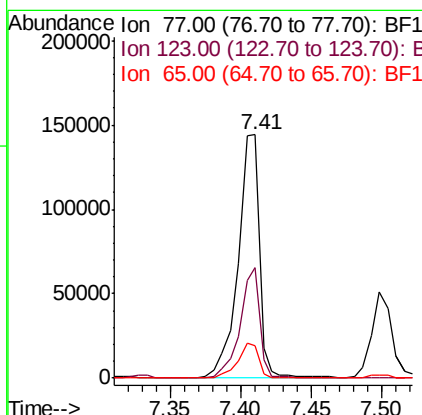
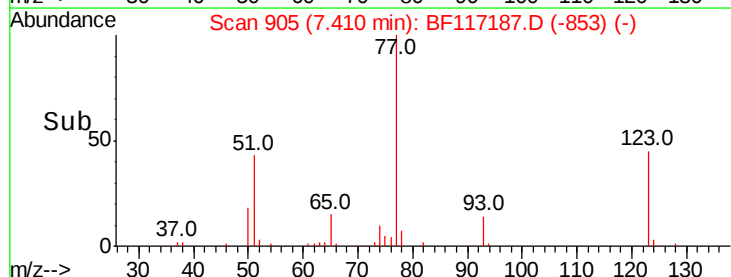
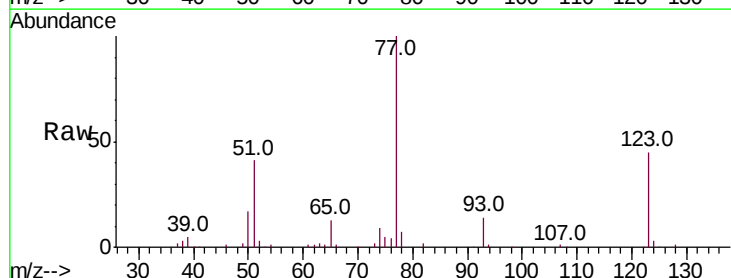
Instrument :
 BNA_F
 ClientSampleId :

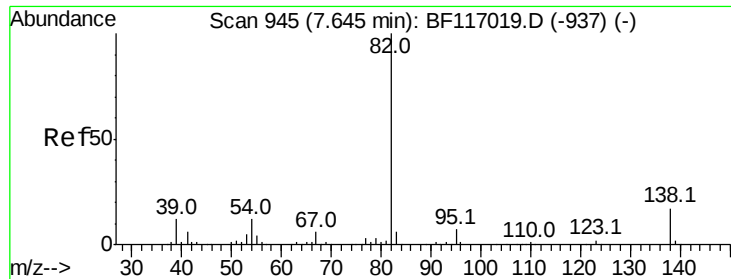
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.3	48.5
54	42.6	33.3	49.9



#24
 Nitrobenzene
 Concen: 43.750 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.3	33.5	50.3
65	13.1	10.5	15.7





#25

Isophorone

Concen: 43.994 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Instrument :

BNA_F

ClientSampleId :

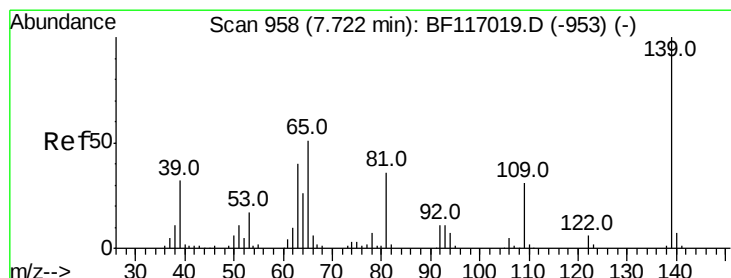
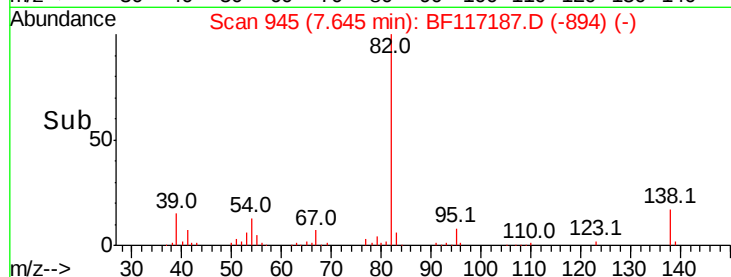
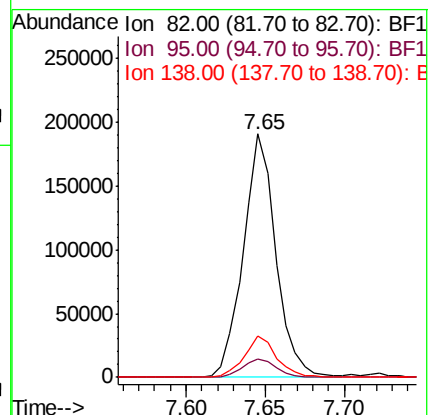
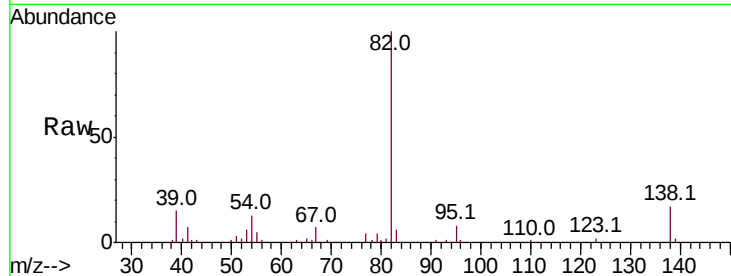
Tot Ion: 82 Resp: 272344

Ion Ratio Lower Upper

82 100

95 7.7 5.8 8.6

138 16.8 13.5 20.3



#26

2-Nitrophenol

Concen: 46.171 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

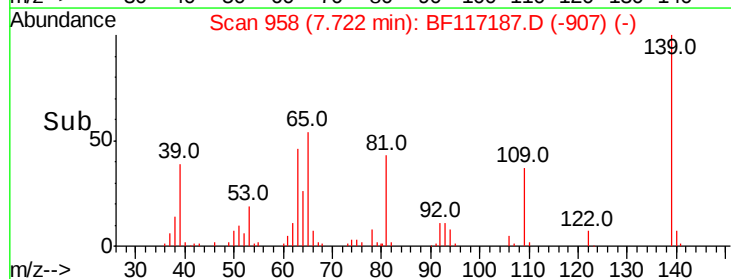
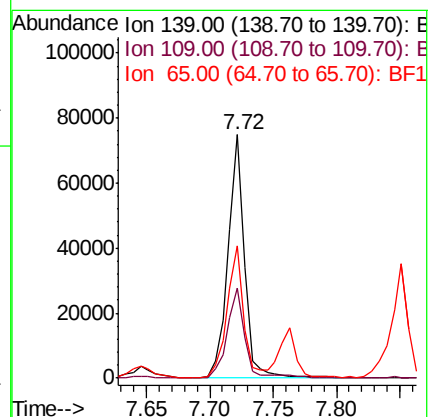
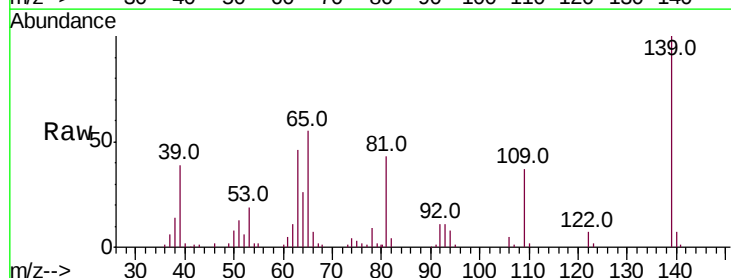
Tgt Ion: 139 Resp: 68475

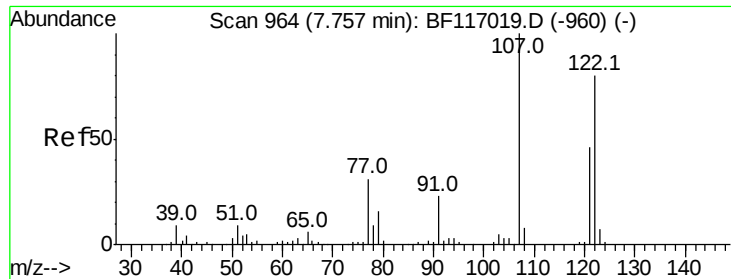
Ion Ratio Lower Upper

139 100

109 37.0 24.6 36.8#

65 54.5 40.9 61.3

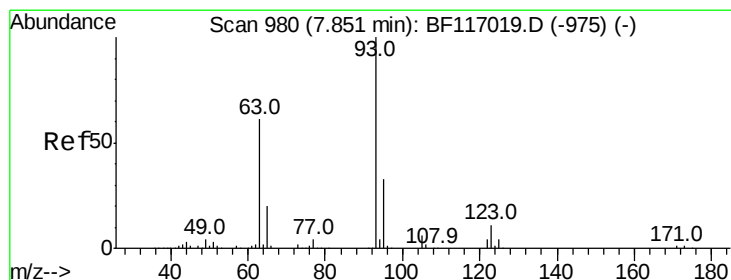
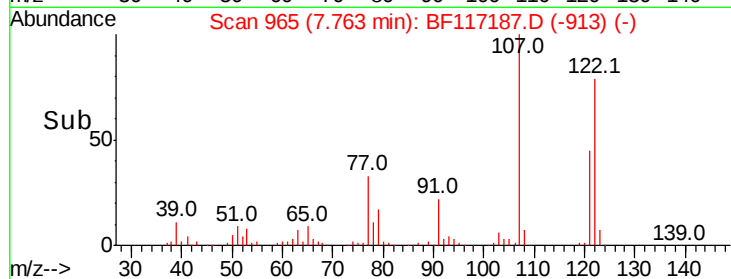
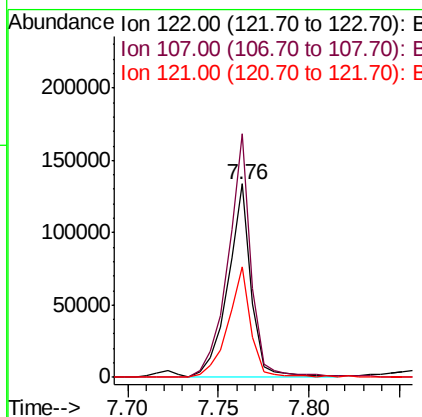
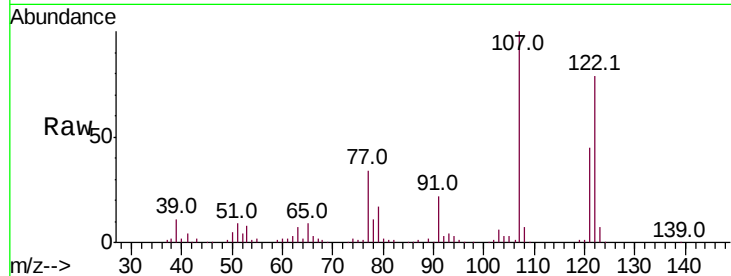




#27
 2,4-Dimethylphenol
 Concen: 50.550 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

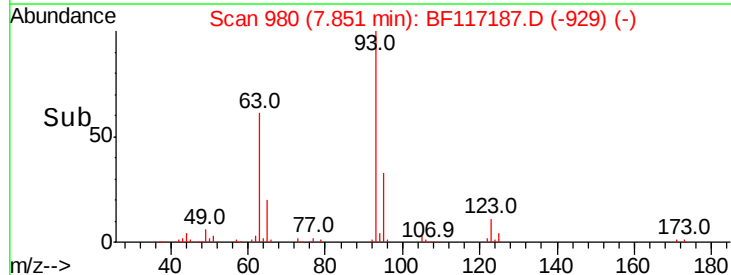
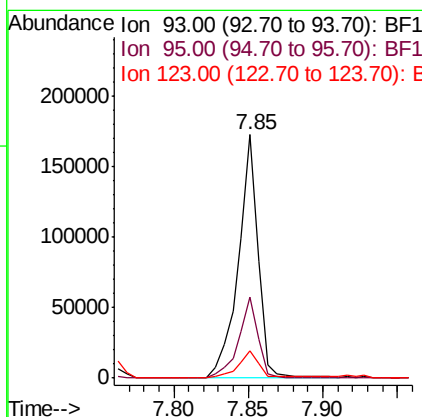
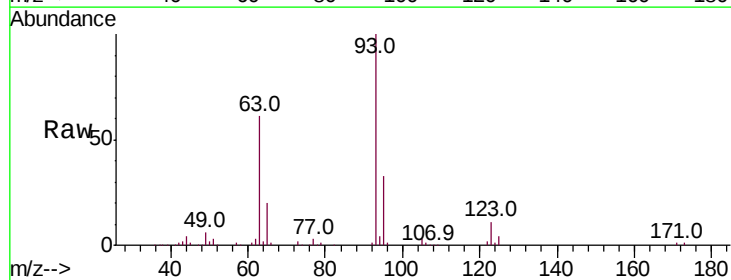
Instrument :
 BNA_F
 ClientSampled :

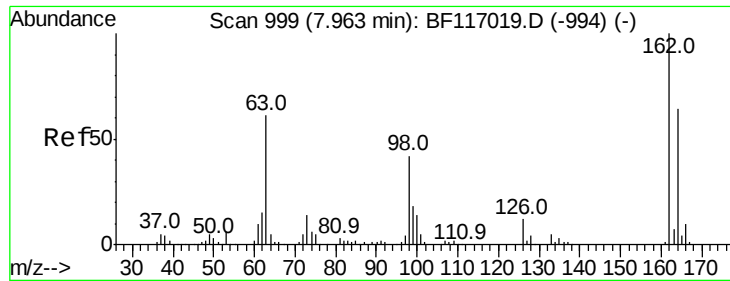
Tot Ion	Ratio	Lower	Upper
122	100		
107	126.0	98.9	148.3
121	56.9	45.3	67.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.302 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.2	39.4
123	11.3	9.0	13.6

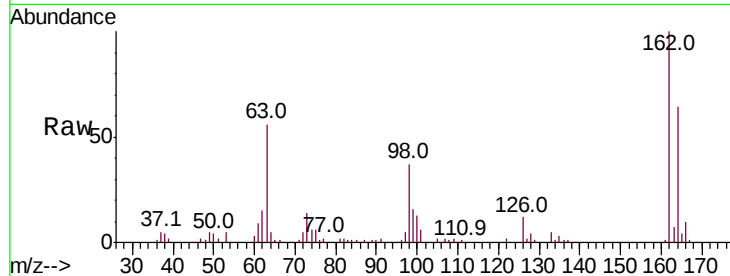




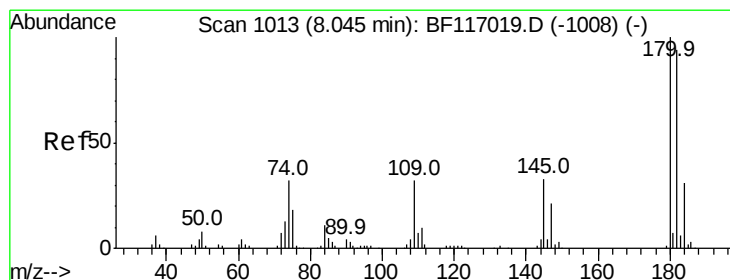
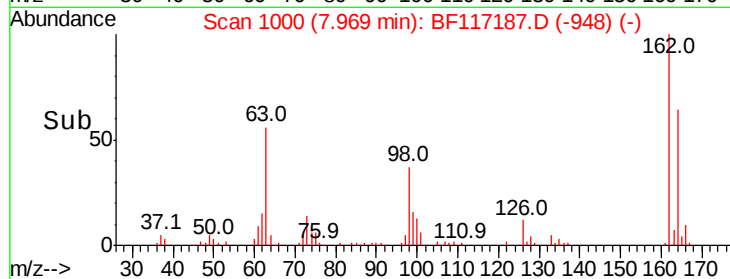
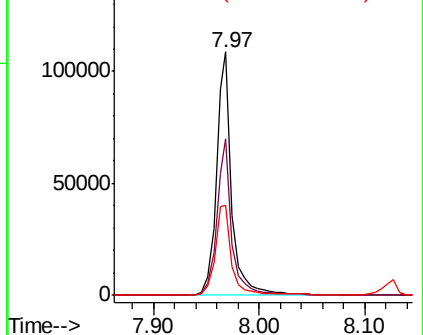
#29
 2,4-Dichlorophenol
 Concen: 45.130 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.8	83.8
98	37.1	22.1	62.1

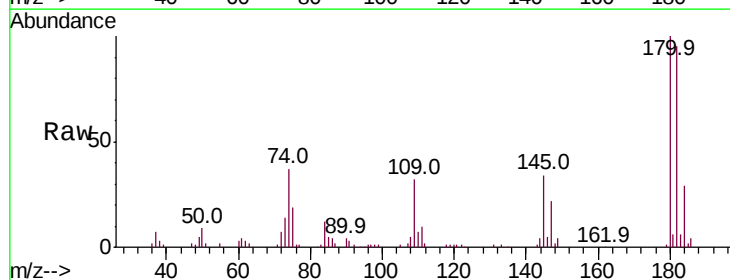


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

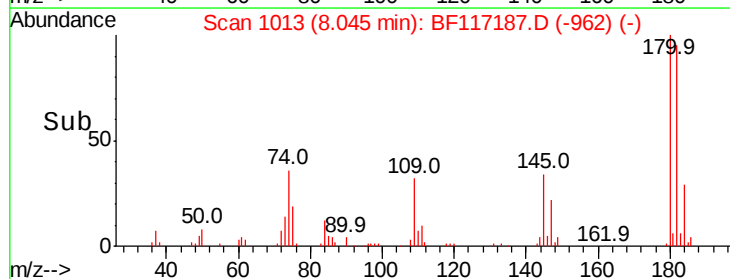
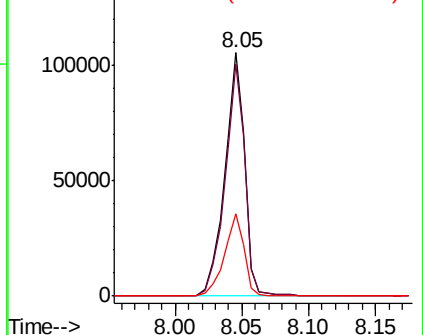


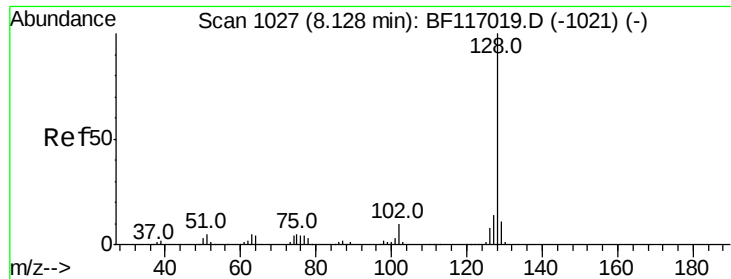
#30
 1,2,4-Trichlorobenzene
 Concen: 41.651 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.4	113.0
145	33.8	26.7	40.1



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

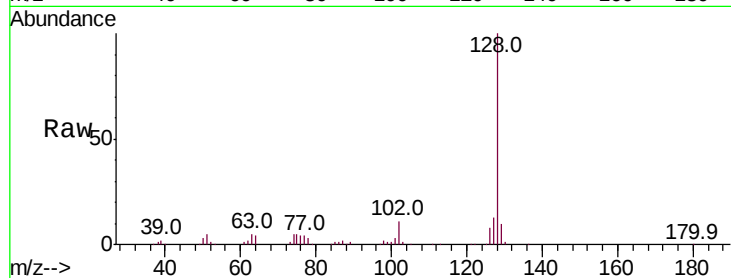




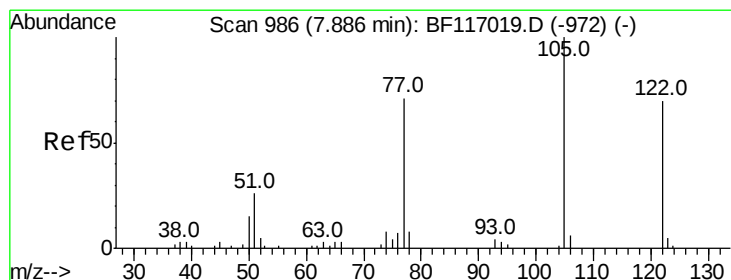
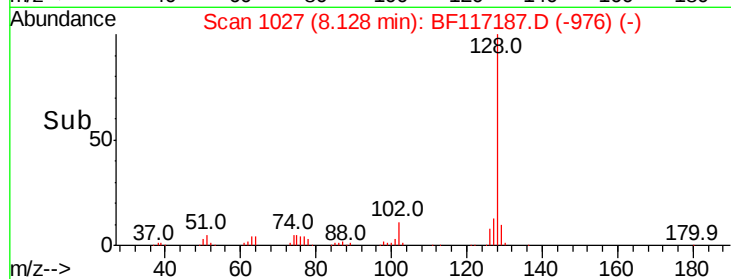
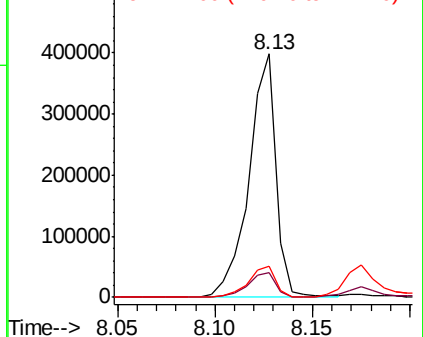
#31
Naphthalene
Concen: 43.417 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 383589
Ion Ratio Lower Upper
128 100
129 10.2 9.0 13.4
127 12.8 10.8 16.2

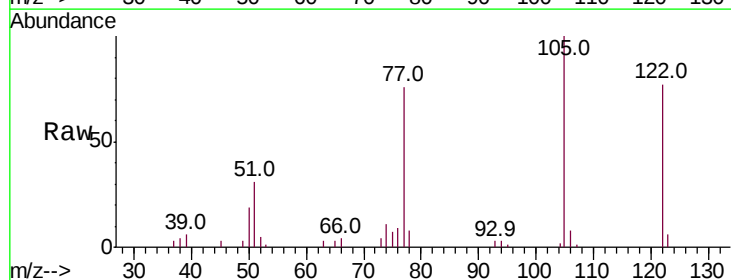


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

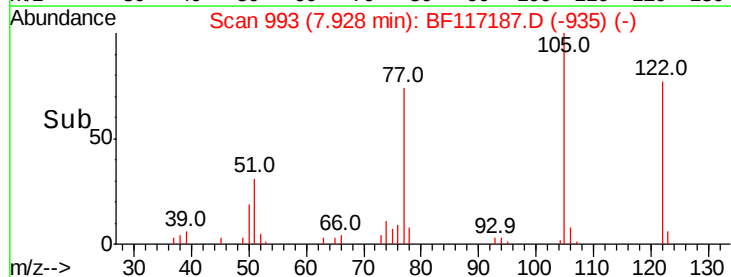
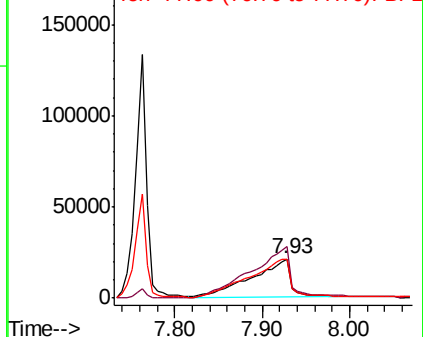


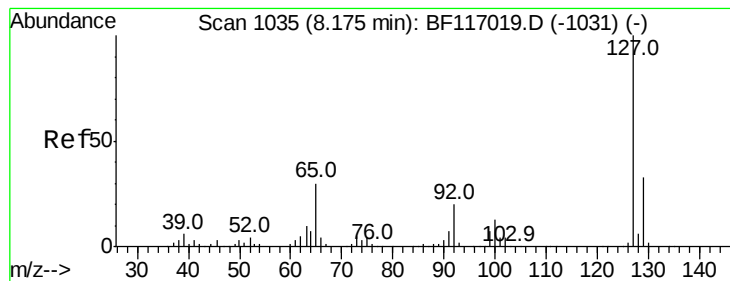
#32
Benzoic acid
Concen: 37.697 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.04 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion:122 Resp: 64031
Ion Ratio Lower Upper
122 100
105 130.5 114.8 154.8
77 98.7 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: 17.734 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 69492

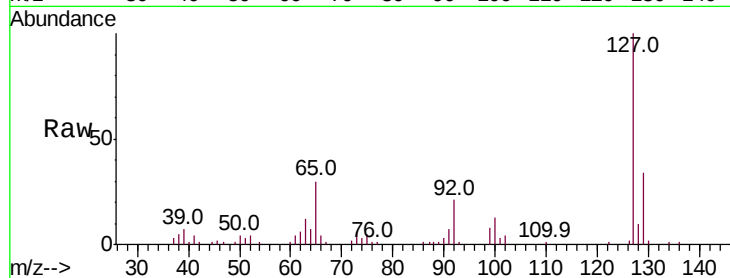
Ion Ratio Lower Upper

127 100

129 34.1 26.2 39.2

65 29.9 23.5 35.3

92 20.9 15.9 23.9

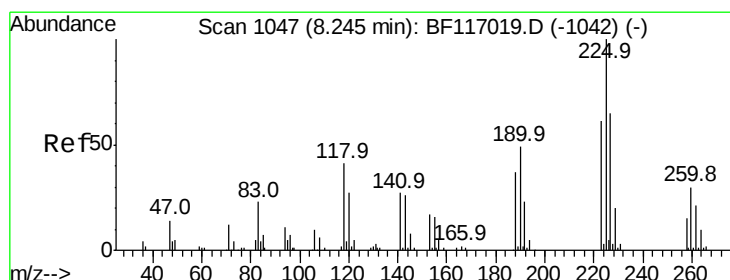
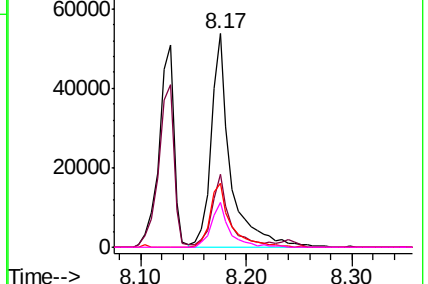
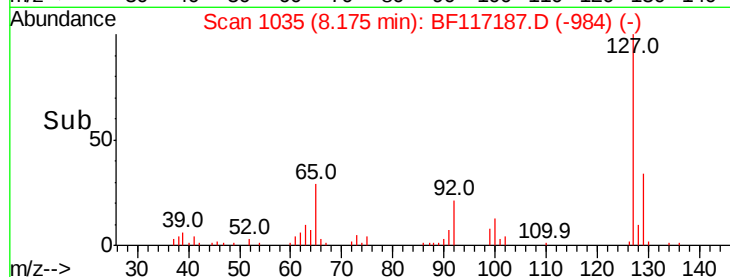


Abundance Ion 127.00 (126.70 to 127.70): E

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: 44.400 ng

RT: 8.25 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

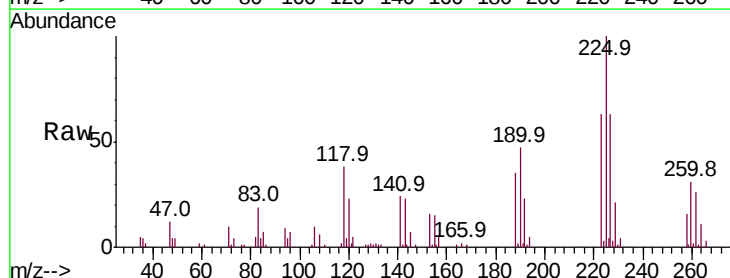
Tgt Ion:225 Resp: 67065

Ion Ratio Lower Upper

225 100

223 62.5 49.1 73.7

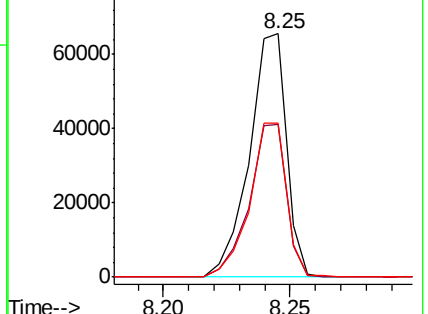
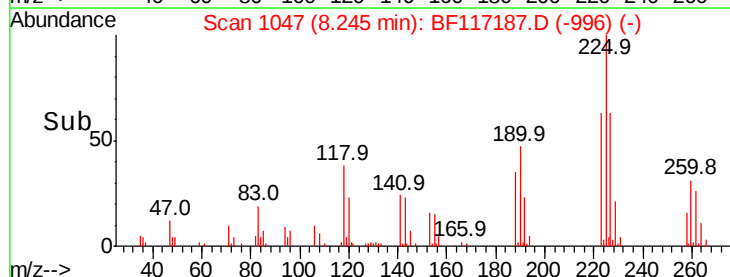
227 63.2 52.2 78.2

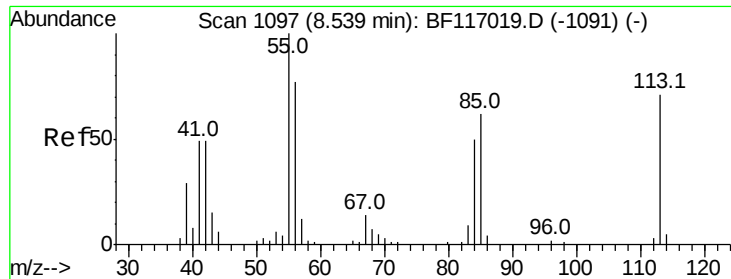


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

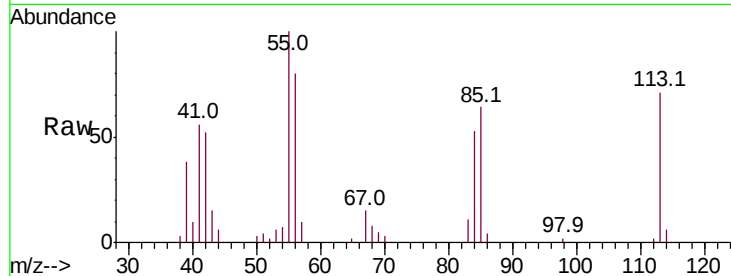




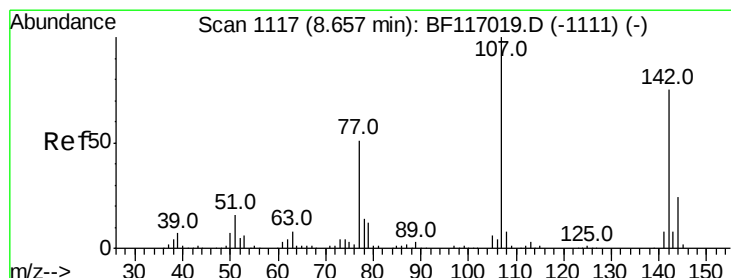
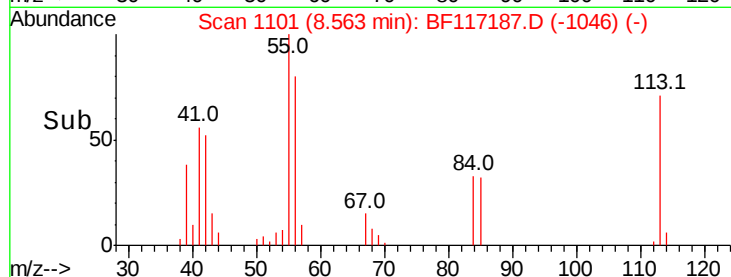
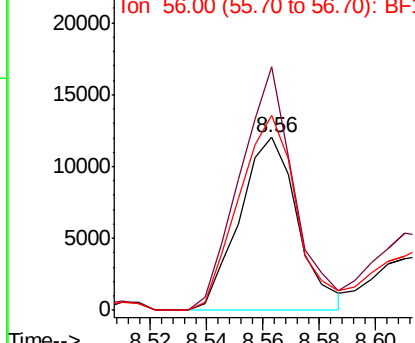
#35
Caprolactam
Concen: 20.640 ng
RT: 8.56 min Scan# 1101
Delta R.T. 0.02 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 17216
Ion Ratio Lower Upper
113 100
55 141.0 120.6 160.6
56 112.8 88.8 128.8

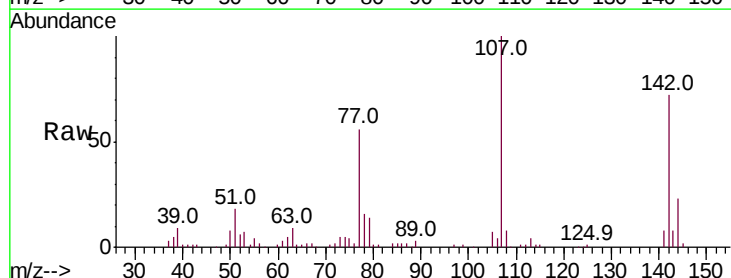


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

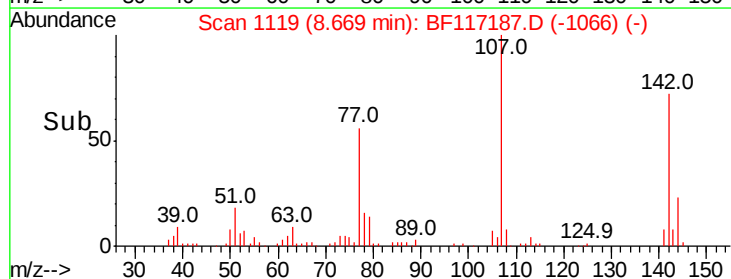
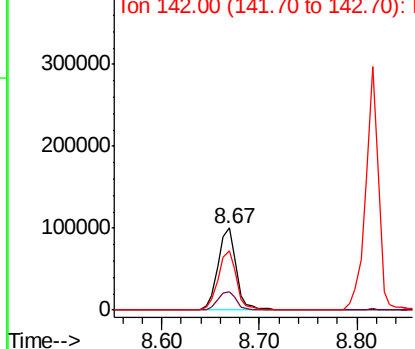


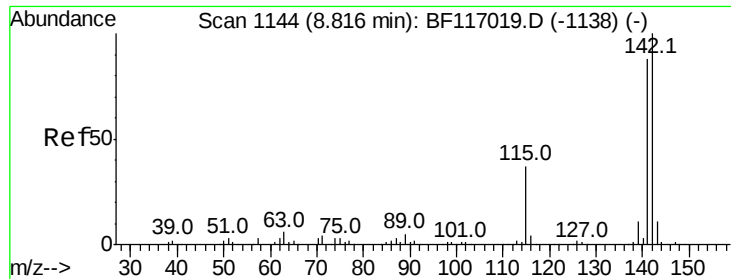
#36
4-Chloro-3-methylphenol
Concen: 45.986 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion:107 Resp: 132137
Ion Ratio Lower Upper
107 100
144 22.7 19.2 28.8
142 72.0 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

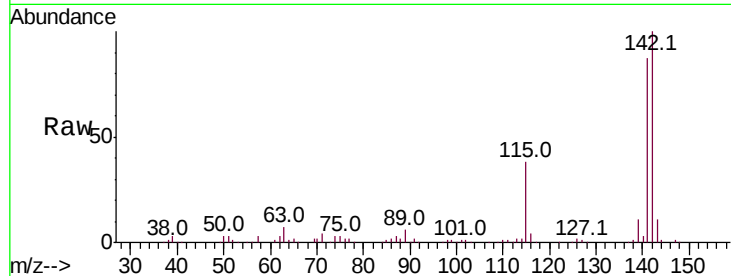




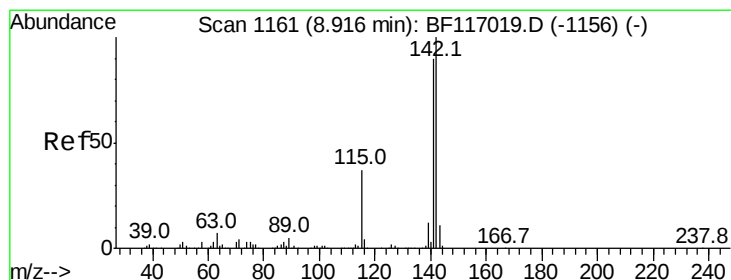
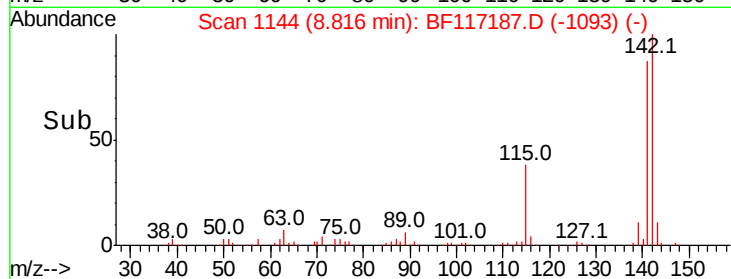
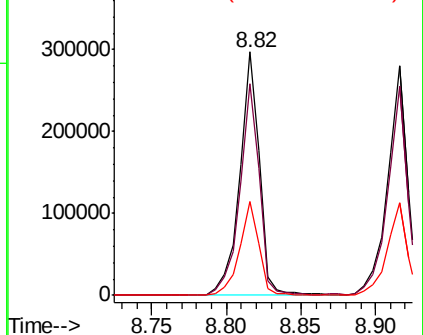
#37
2-Methylnaphthalene
Concen: 45.777 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.7	106.1
115	38.4	29.4	44.0

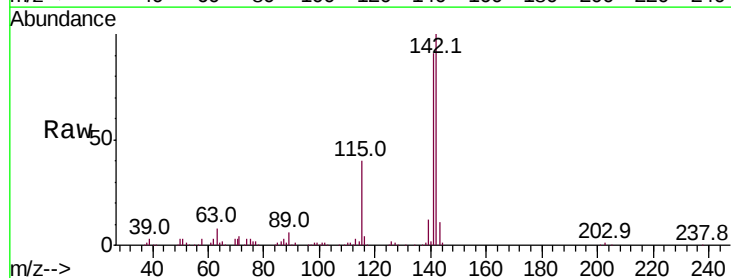


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

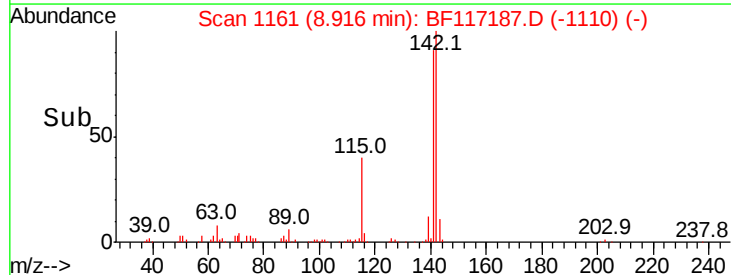
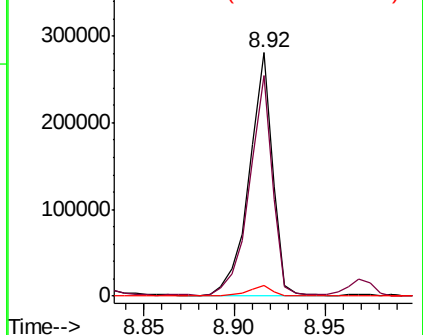


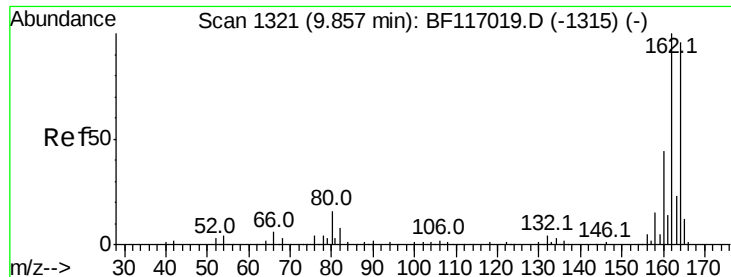
#38
1-Methylnaphthalene
Concen: 44.874 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.9	107.9
116	4.3	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

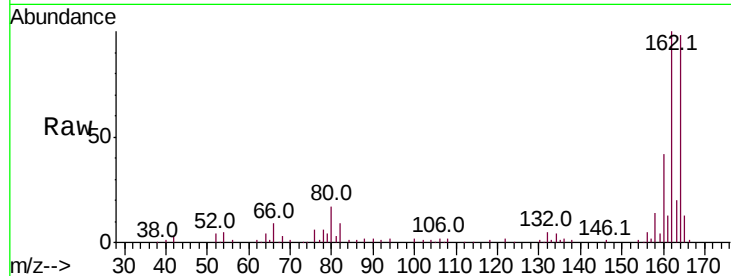




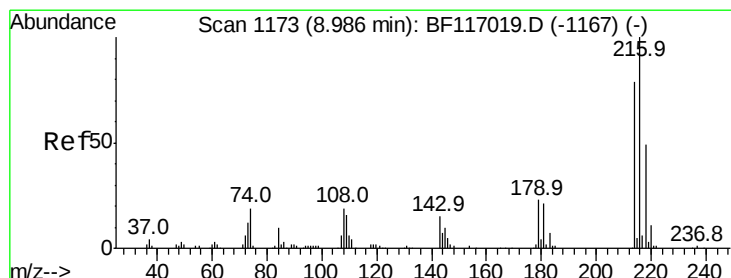
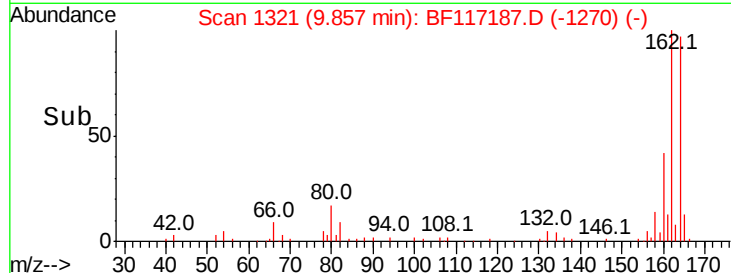
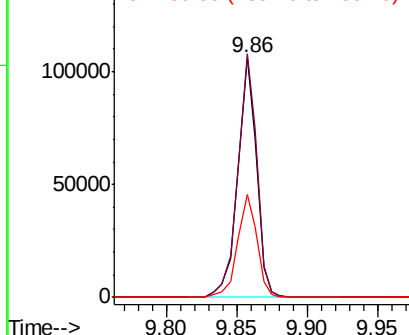
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 98243
 Ion Ratio Lower Upper
 164 100
 162 101.8 83.4 125.2
 160 42.8 36.4 54.6

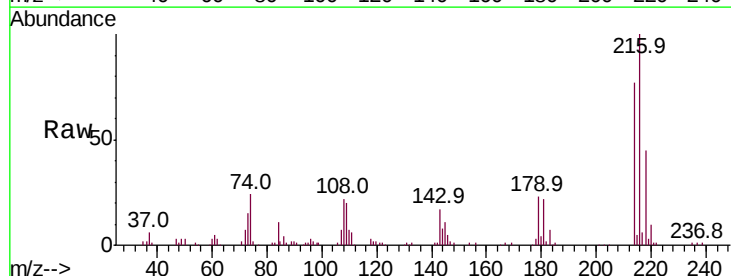


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

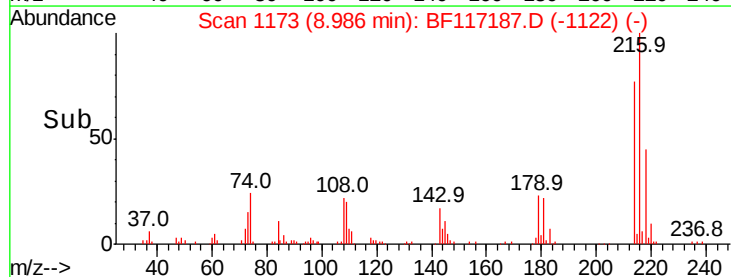
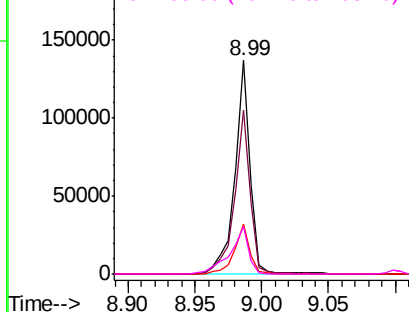


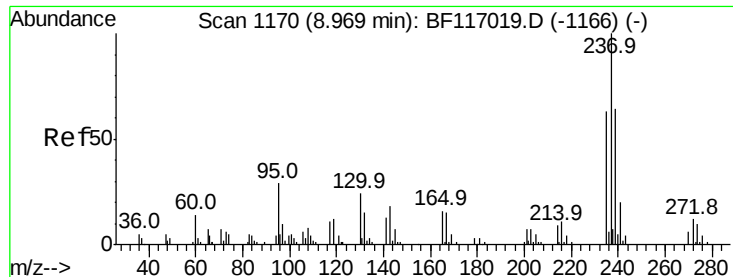
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.649 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion:216 Resp: 110732
 Ion Ratio Lower Upper
 216 100
 214 78.3 63.6 95.4
 179 23.1 18.3 27.5
 108 26.8 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: 107.206 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Instrument :

BNA_F

ClientSampleId :

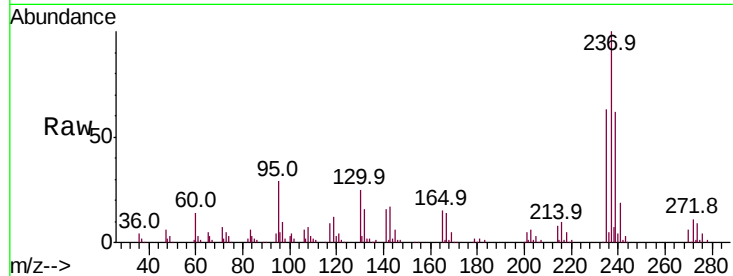
Tot Ion:237 Resp: 123536

Ion Ratio Lower Upper

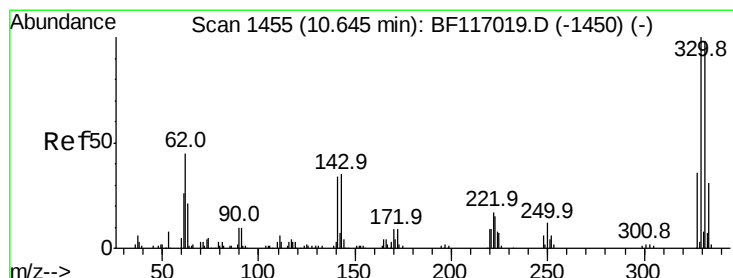
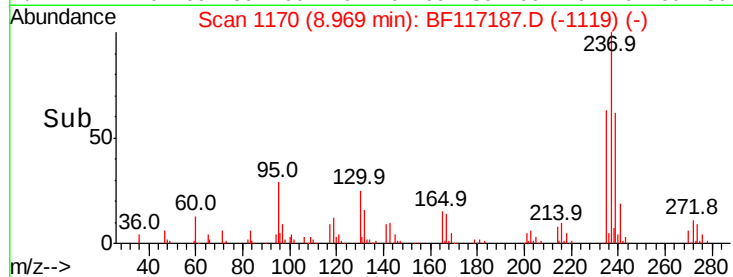
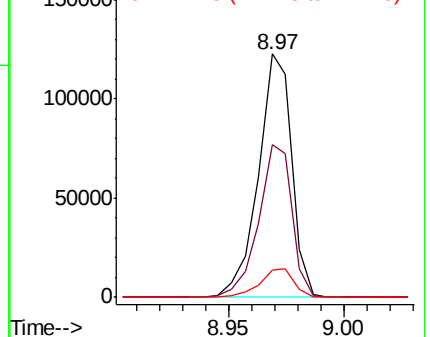
237 100

235 63.0 43.2 83.2

272 11.2 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: 101.048 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

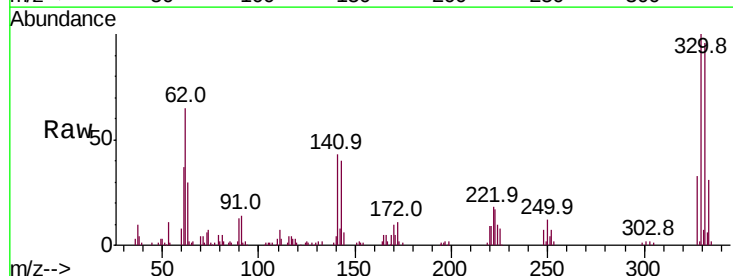
Tgt Ion:330 Resp: 82969

Ion Ratio Lower Upper

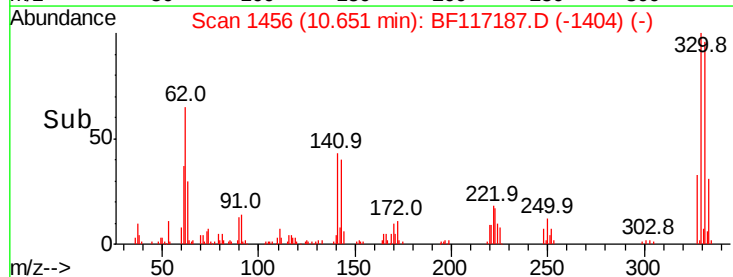
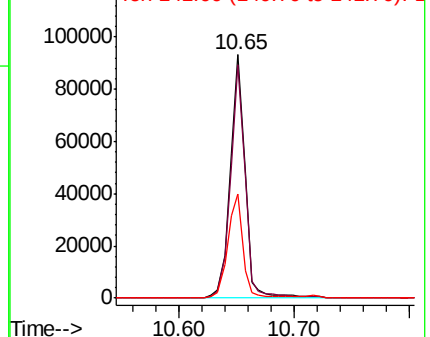
330 100

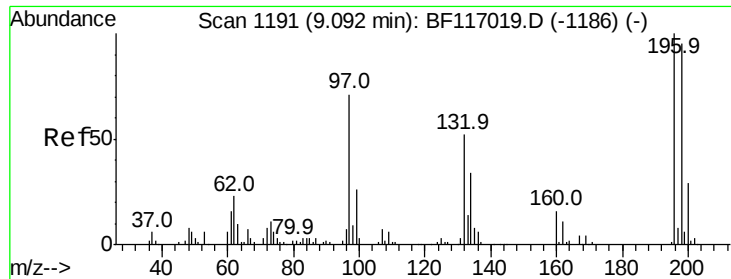
332 95.2 78.0 117.0

141 44.8 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

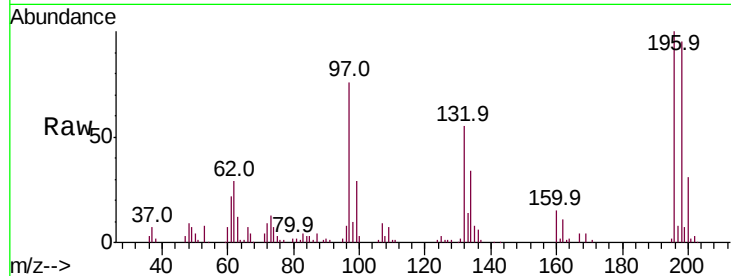




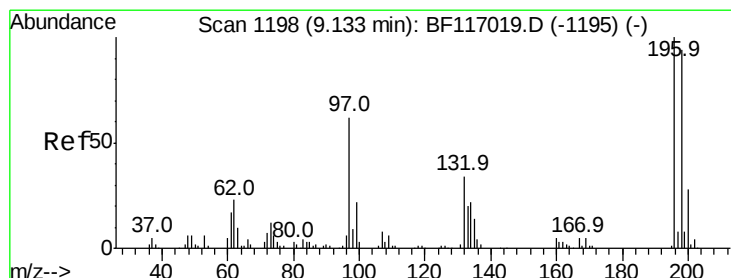
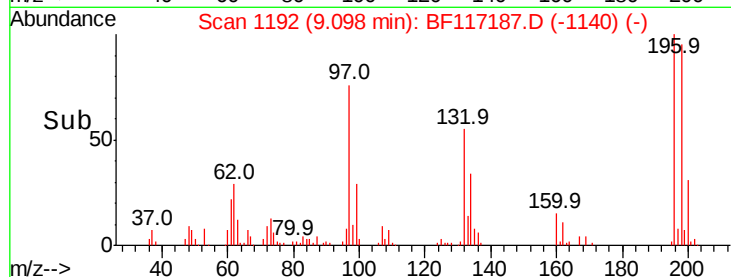
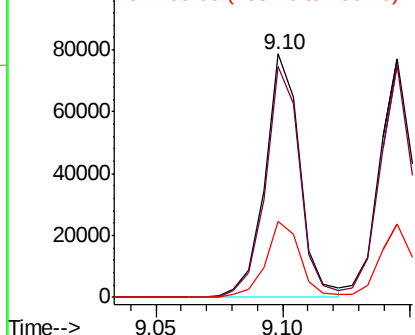
#43
 2,4,6-Trichlorophenol
 Concen: 43.517 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 74920
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.7 113.5
 200 31.1 23.3 34.9



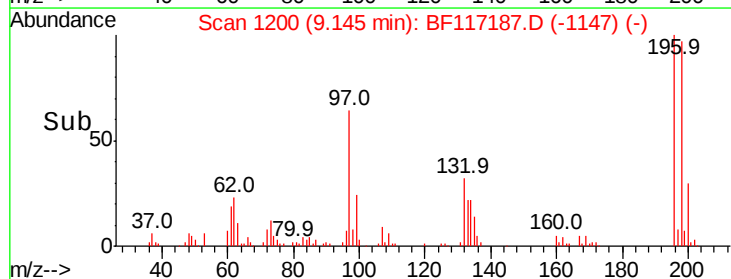
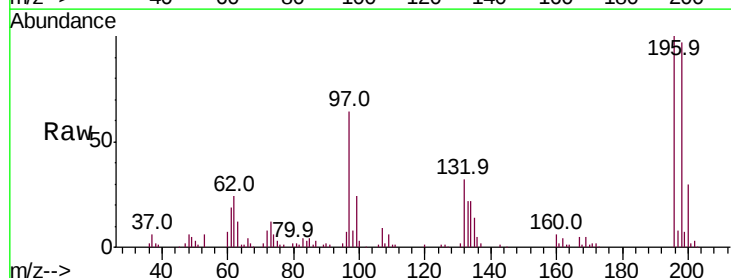
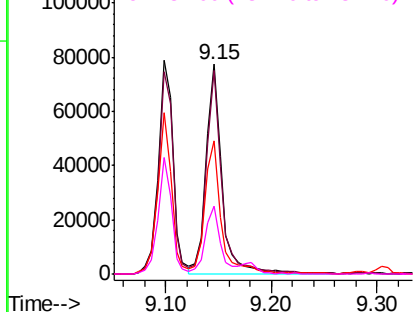
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

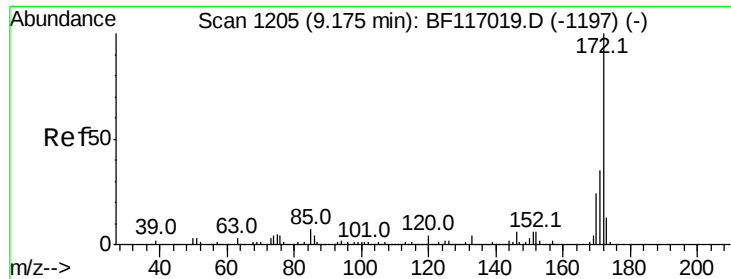


#44
 2,4,5-Trichlorophenol
 Concen: 44.432 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion:196 Resp: 81728
 Ion Ratio Lower Upper
 196 100
 198 97.0 74.6 112.0
 97 63.8 49.5 74.3
 132 32.4 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

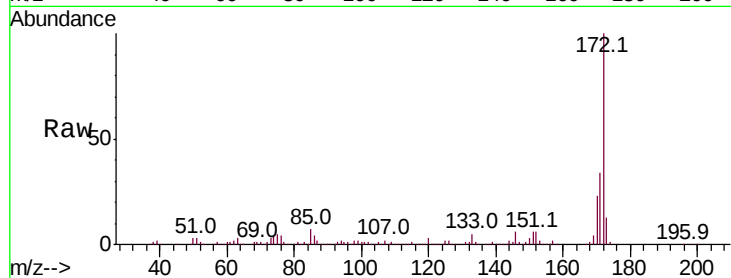




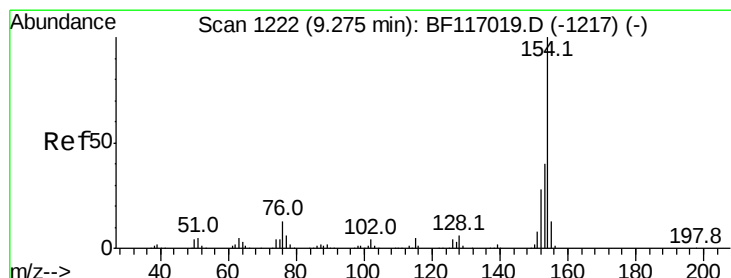
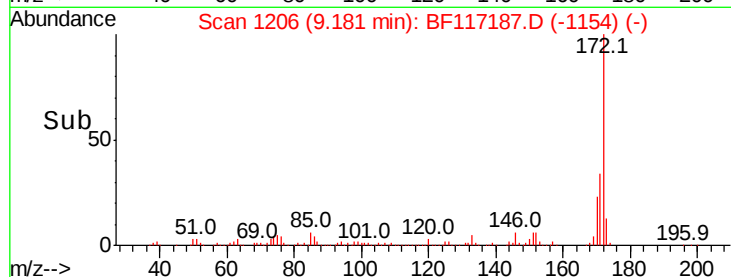
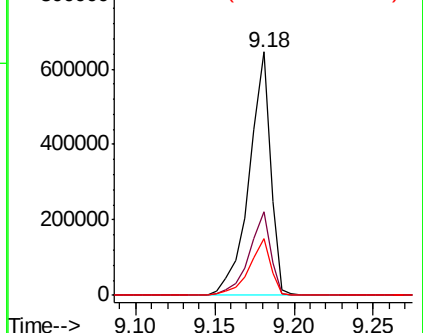
#45
2-Fluorobiphenyl
Concen: 96.429 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 605883
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.2
170 23.1 18.9 28.3

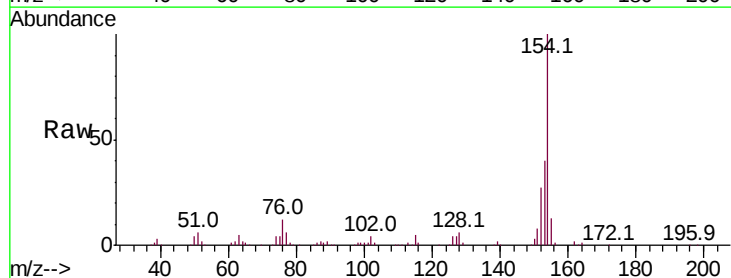


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

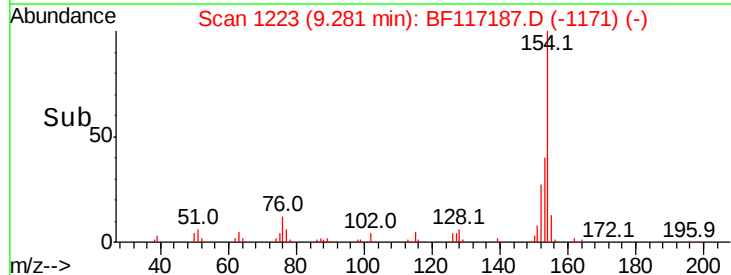
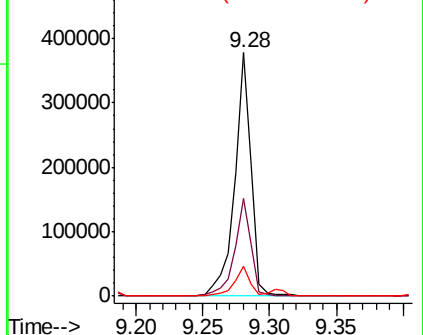


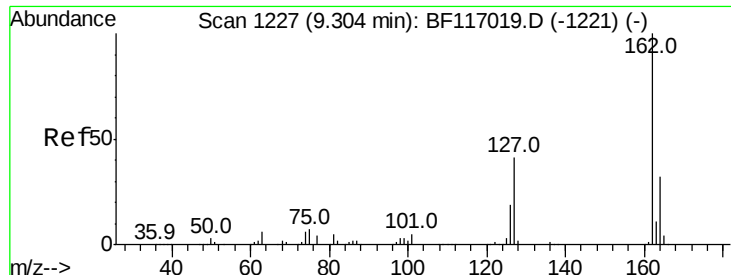
#46
1,1'-Biphenyl
Concen: 42.414 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion:154 Resp: 326848
Ion Ratio Lower Upper
154 100
153 39.9 20.0 60.0
76 12.2 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

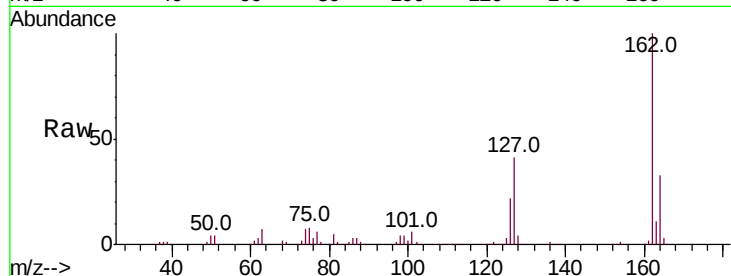




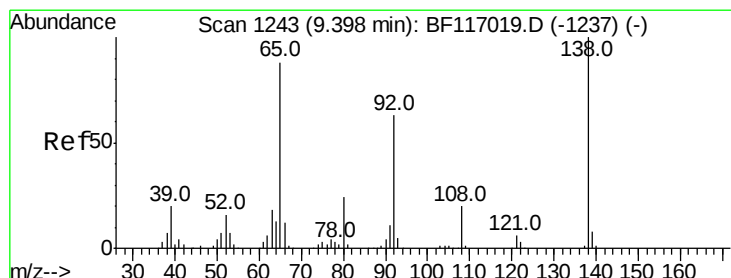
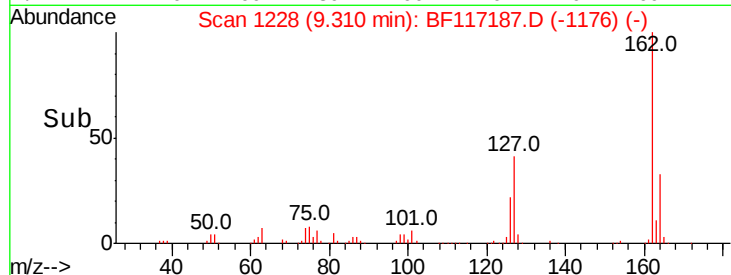
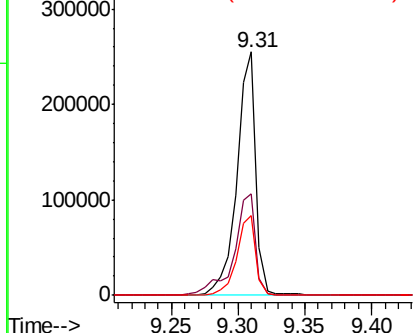
#47
2-Chloronaphthalene
Concen: 41.612 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 253074
Ion Ratio Lower Upper
162 100
127 41.4 34.1 51.1
164 32.5 25.9 38.9

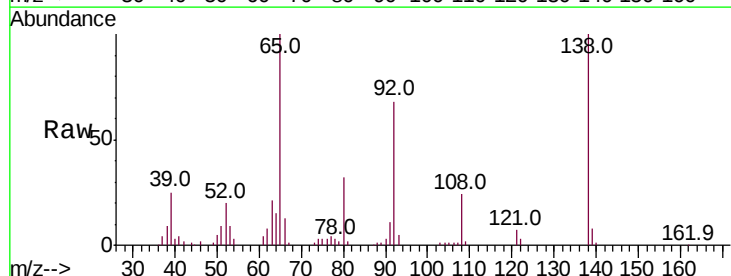


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

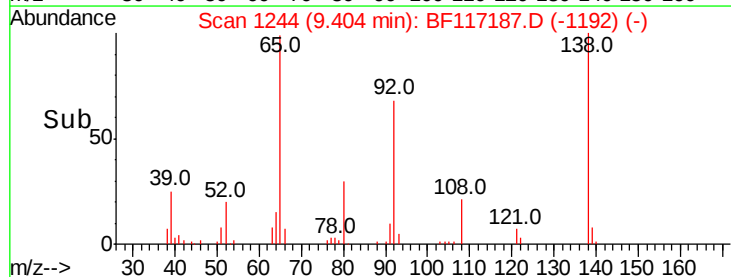
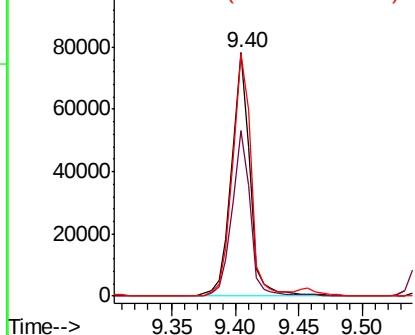


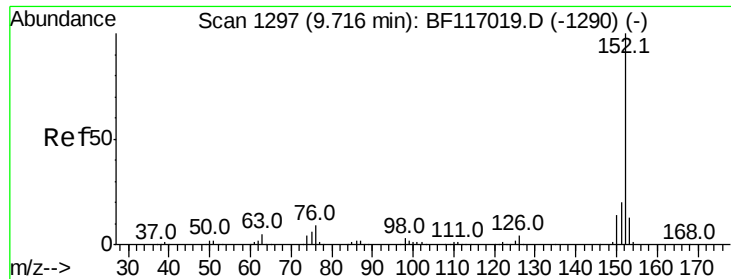
#48
2-Nitroaniline
Concen: 39.996 ng
RT: 9.40 min Scan# 1244
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion: 65 Resp: 78023
Ion Ratio Lower Upper
65 100
92 67.8 57.5 86.3
138 99.7 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: 43.587 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Instrument :

BNA_F

ClientSampleId :

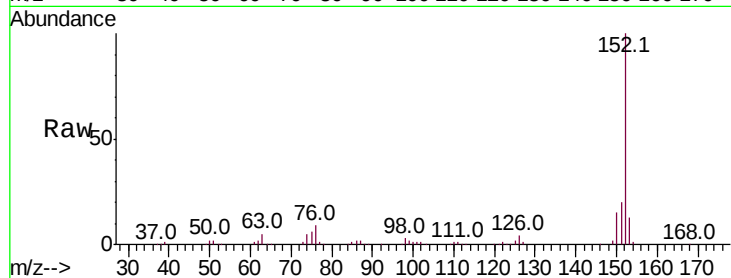
Tot Ion:152 Resp: 397121

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

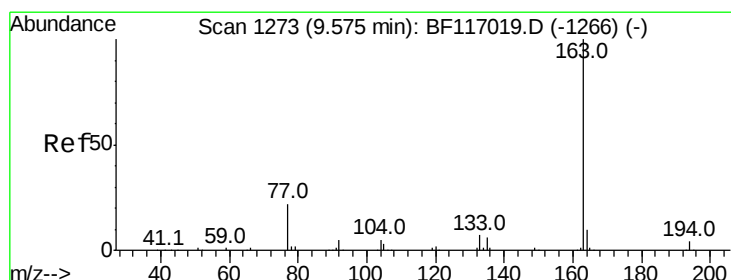
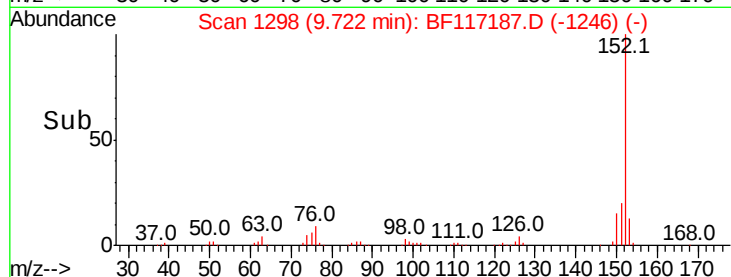
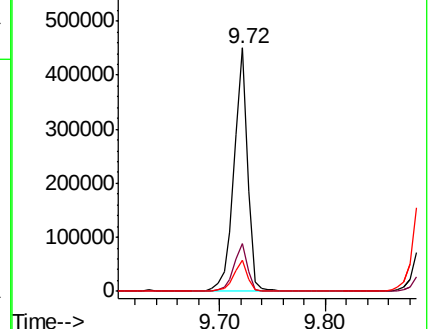
153 12.7 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.479 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

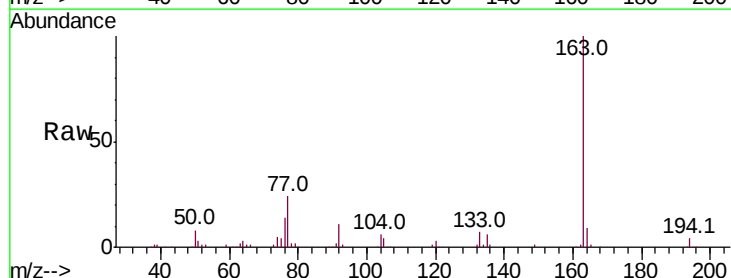
Tgt Ion:163 Resp: 309400

Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

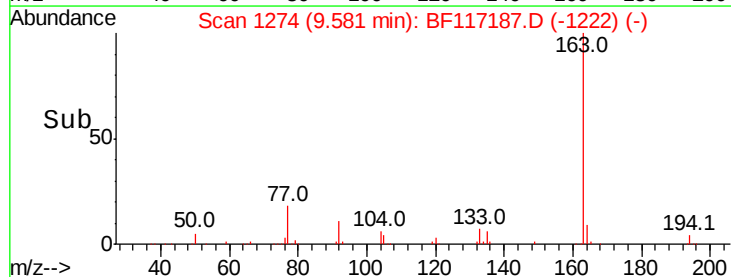
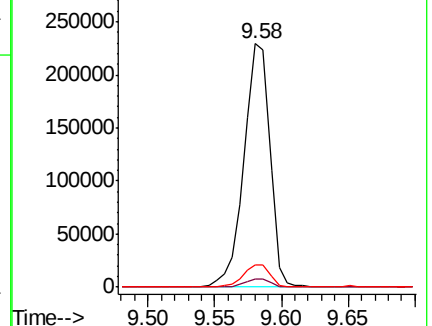
164 9.2 8.2 12.4

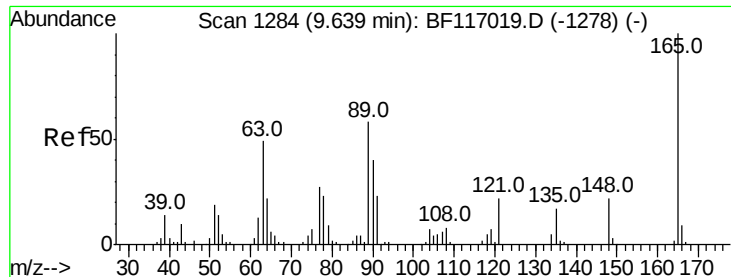


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

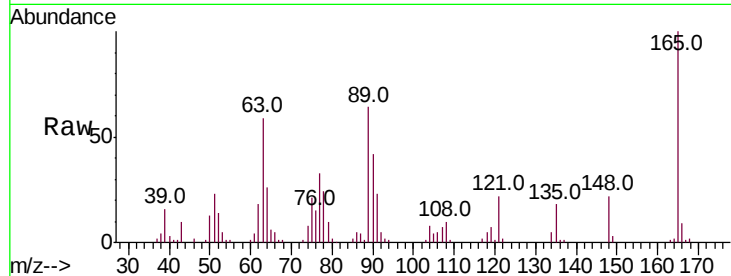




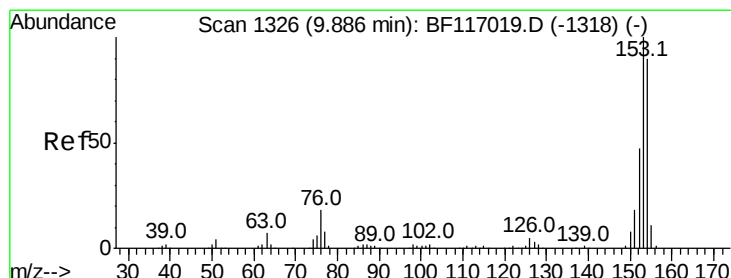
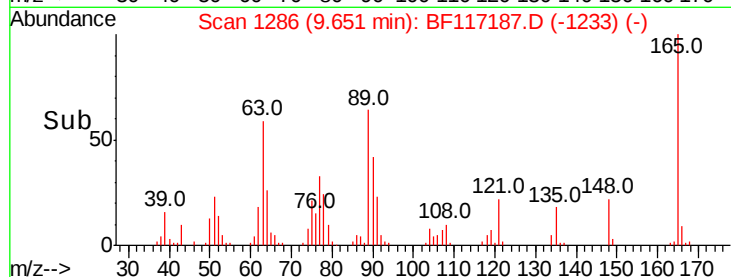
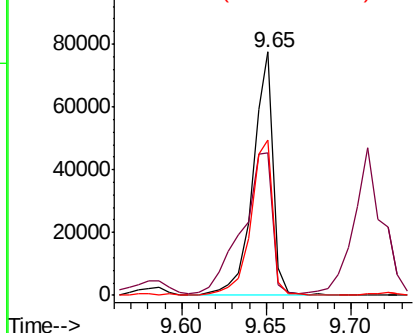
#51
 2,6-Dinitrotoluene
 Concen: 45.769 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 64842
 Ion Ratio Lower Upper
 165 100
 63 58.5 41.8 62.8
 89 63.7 46.5 69.7

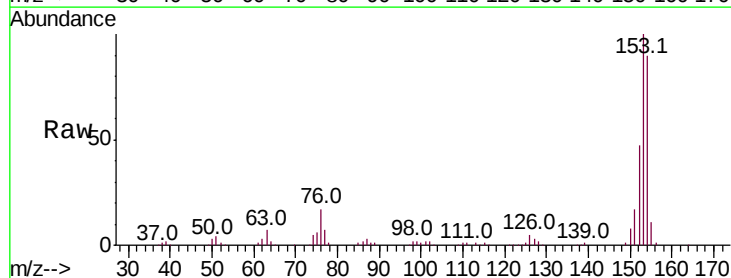


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

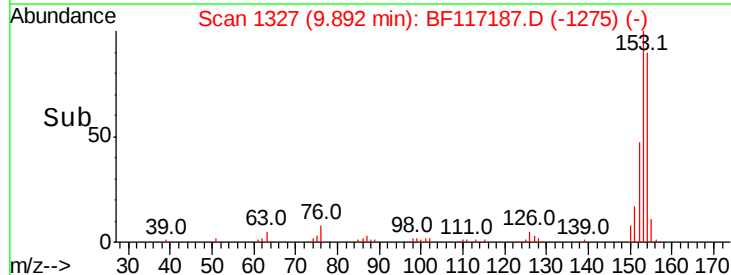
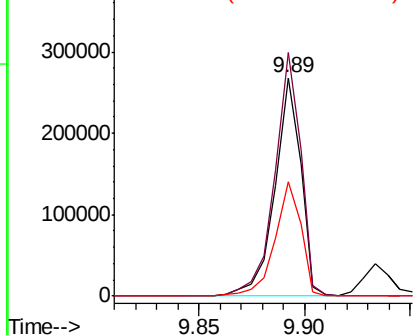


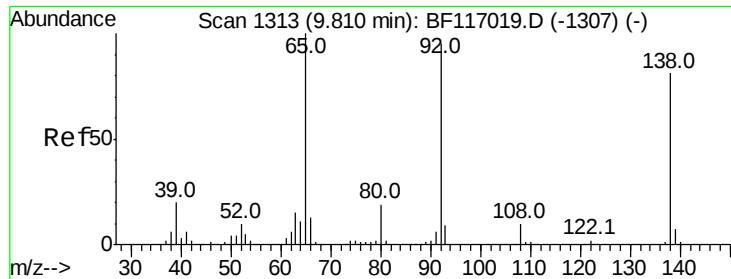
#52
 Acenaphthene
 Concen: 42.608 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion:154 Resp: 230116
 Ion Ratio Lower Upper
 154 100
 153 111.7 89.0 133.6
 152 52.6 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

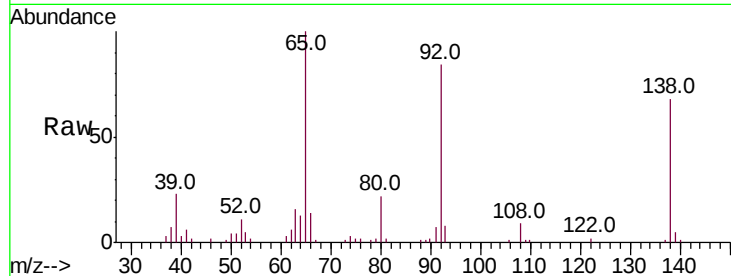




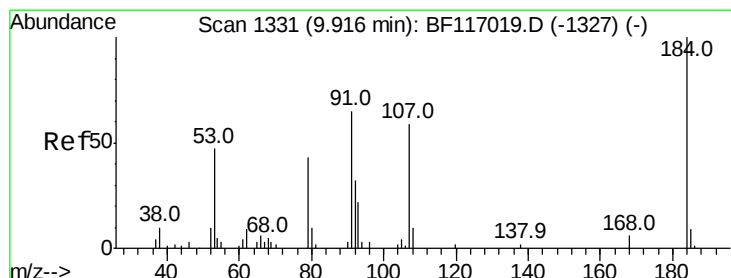
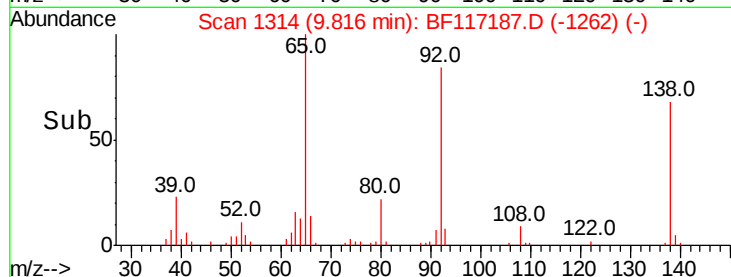
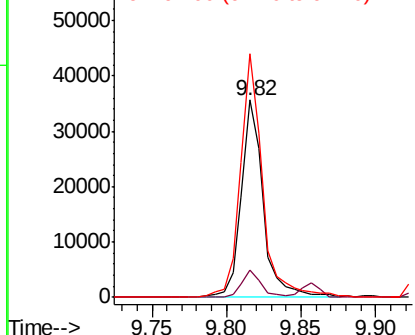
#53
 3-Nitroaniline
 Concen: 20.512 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 36664
 Ion Ratio Lower Upper
 138 100
 108 13.7 9.5 14.3
 92 123.3 94.1 141.1

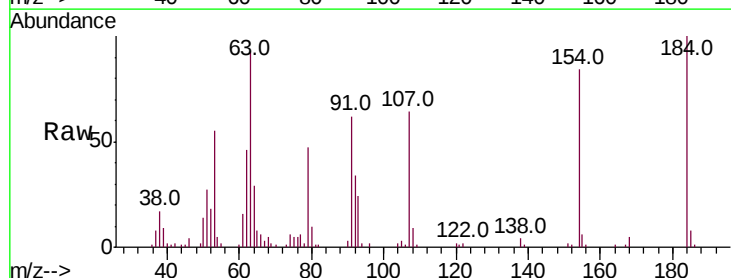


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

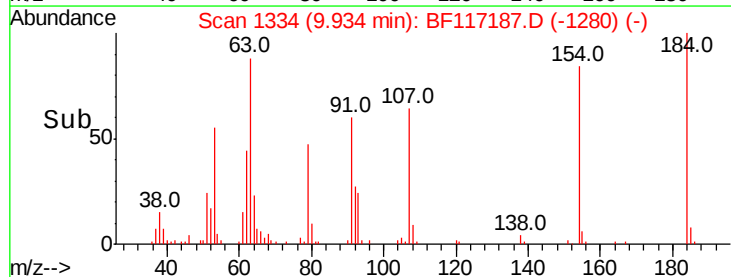
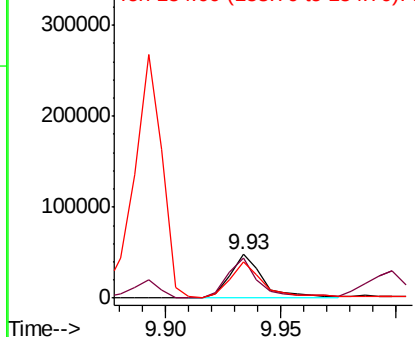


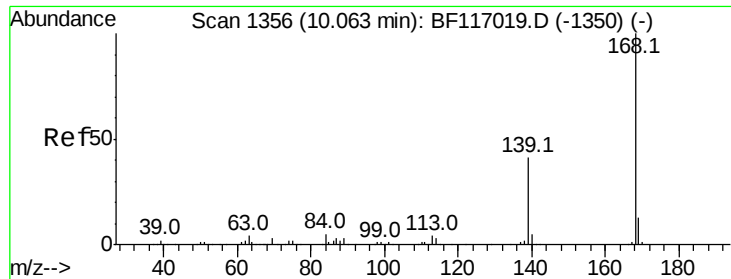
#54
 2,4-Dinitrophenol
 Concen: 78.653 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.02 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion:184 Resp: 48008
 Ion Ratio Lower Upper
 184 100
 63 93.2 63.8 95.6
 154 83.5 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

Dibenzofuran

Concen: 45.165 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Instrument :

BNA_F

ClientSampled :

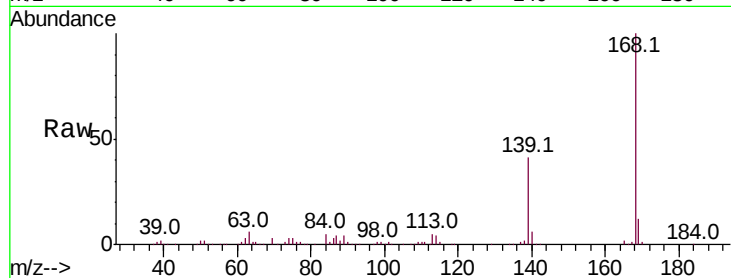
Tot Ion:168 Resp: 359897

Ion Ratio Lower Upper

168 100

139 41.2 32.8 49.2

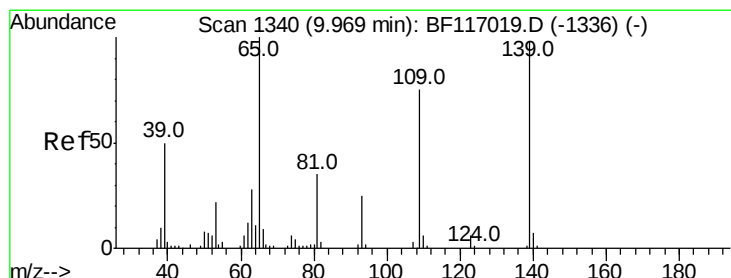
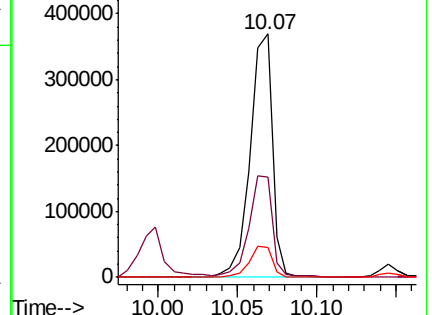
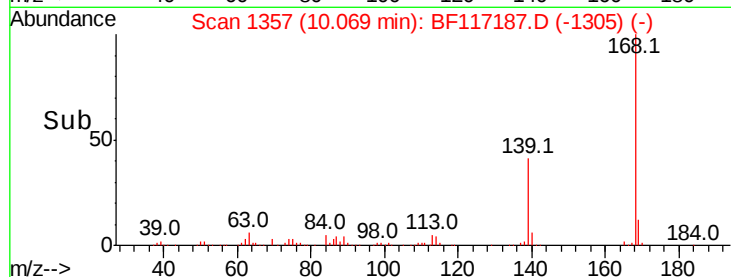
169 12.4 10.5 15.7



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: 71.343 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.03 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

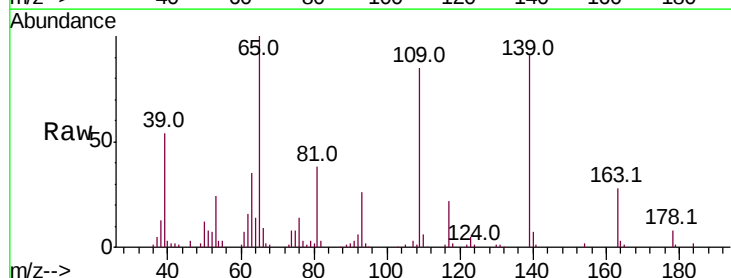
Tgt Ion:139 Resp: 82650

Ion Ratio Lower Upper

139 100

109 93.6 56.4 96.4

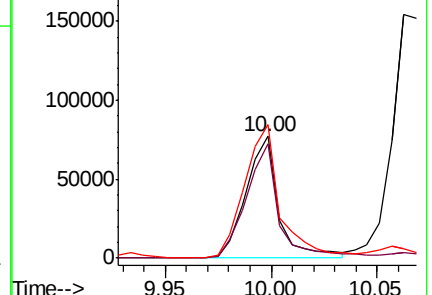
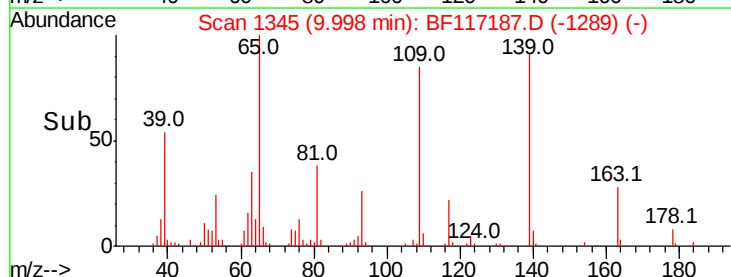
65 110.1 82.5 122.5

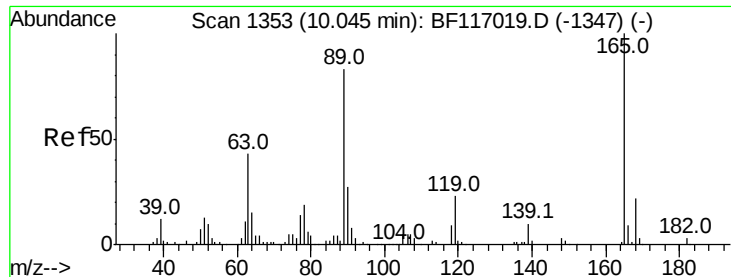


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

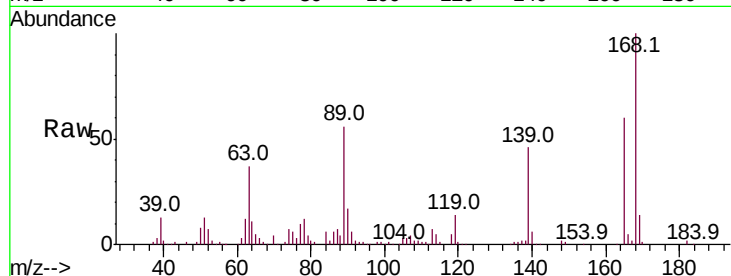




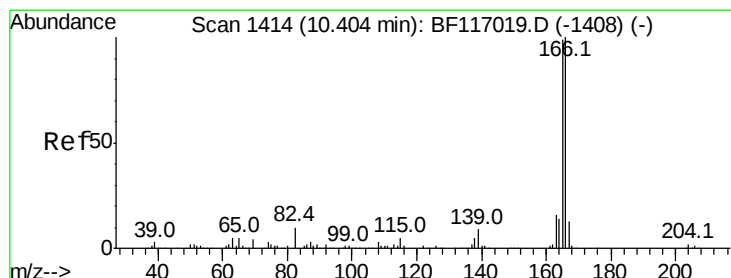
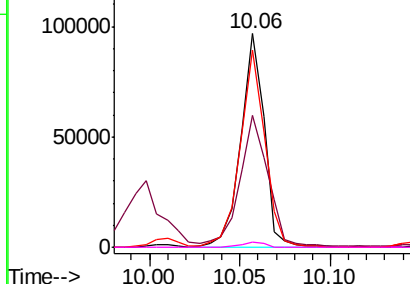
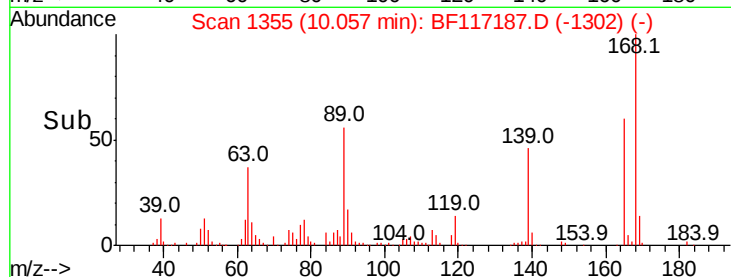
#57
2,4-Dinitrotoluene
Concen: 47.429 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 87222
Ion Ratio Lower Upper
165 100
63 61.9 35.0 52.4#
89 92.2 66.1 99.1
182 2.5 2.0 3.0

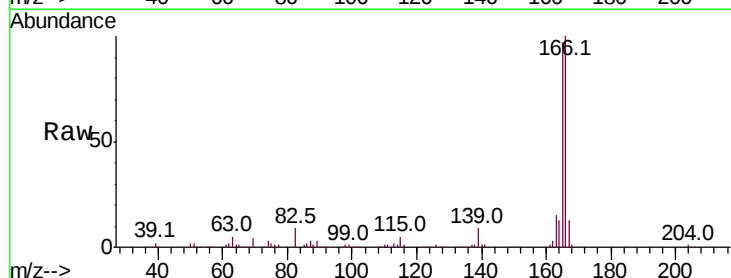


Abundance Ion 165.00 (164.70 to 165.70): E
150000
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

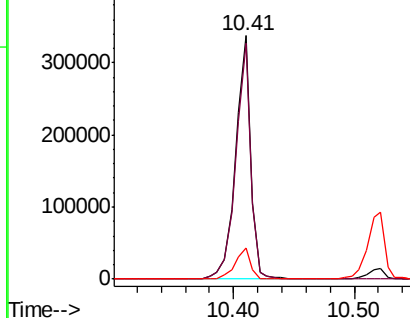
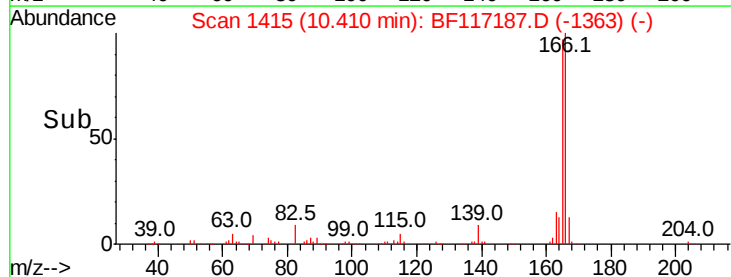


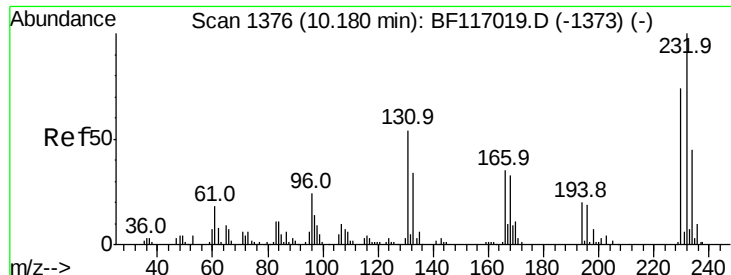
#58
Fluorene
Concen: 45.890 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion:166 Resp: 294564
Ion Ratio Lower Upper
166 100
165 97.1 78.9 118.3
167 12.9 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

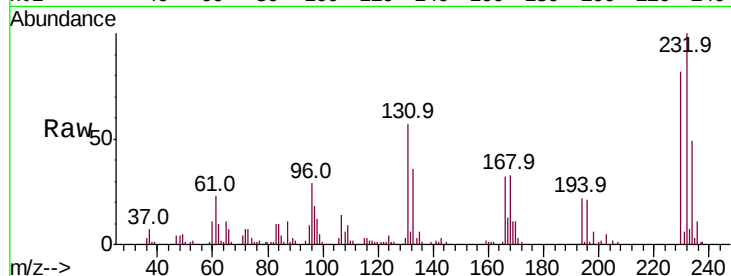




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.702 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.04 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	54.2	45.3	67.9
130	2.6	1.8	2.8
166	30.2	29.4	44.2



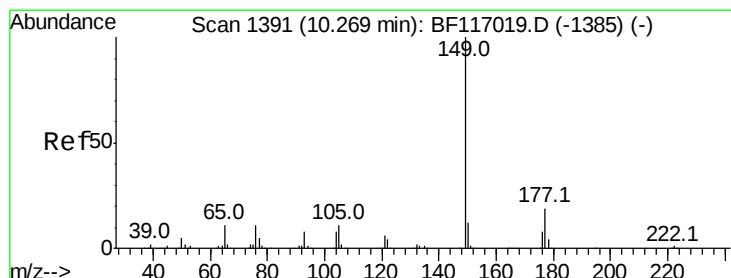
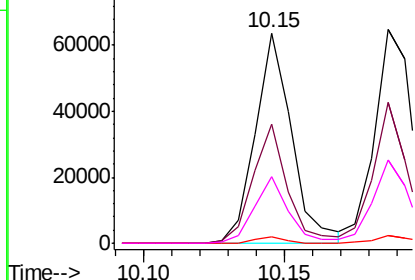
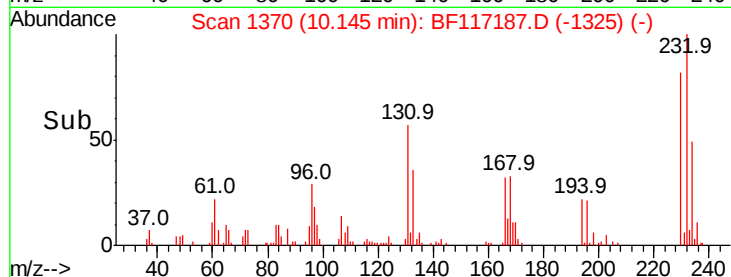
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

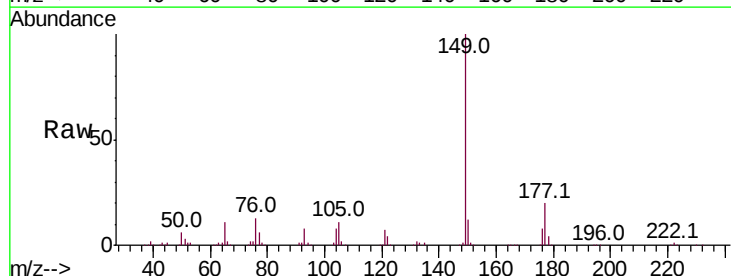
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 47.256 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.1	15.2	22.8
150	12.3	9.9	14.9

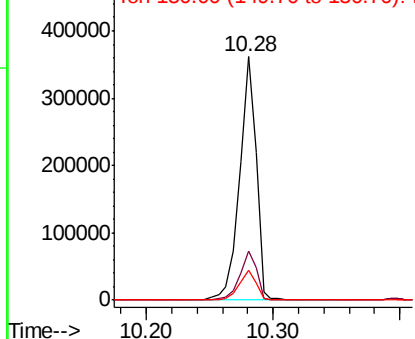
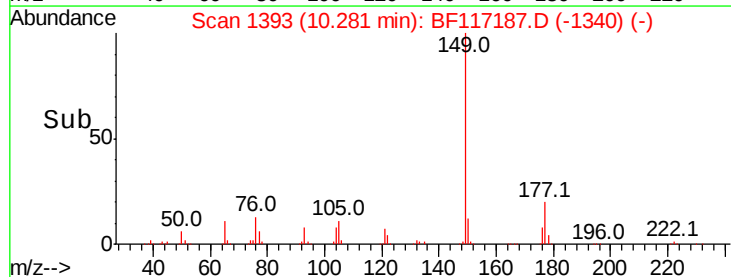


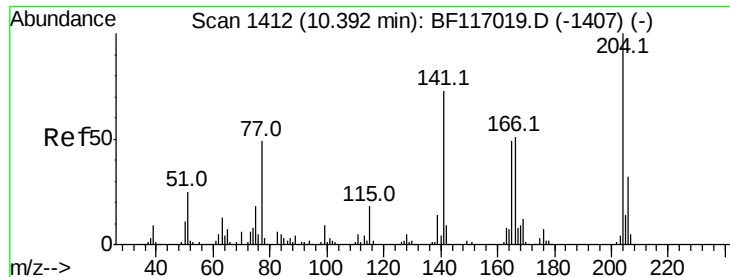
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

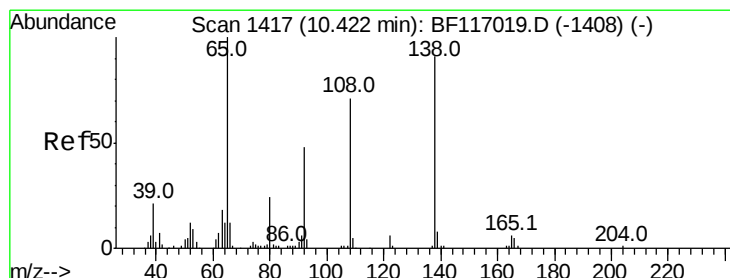
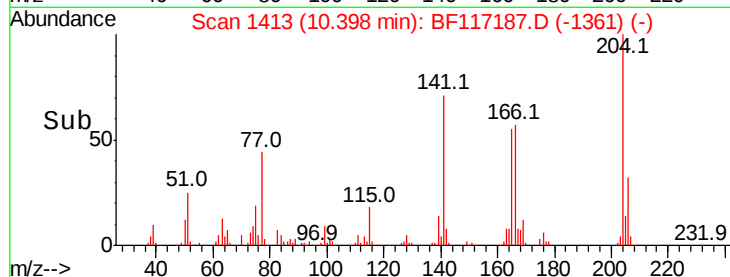
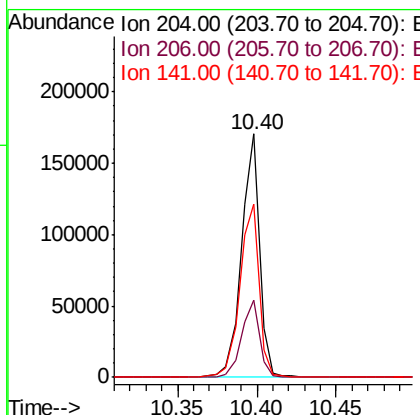
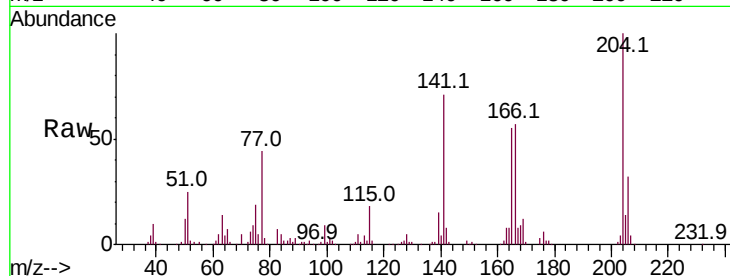




#61
4-Chlorophenyl-phenylether
Concen: 48.633 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

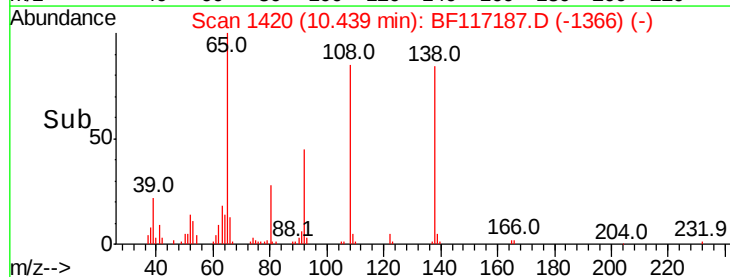
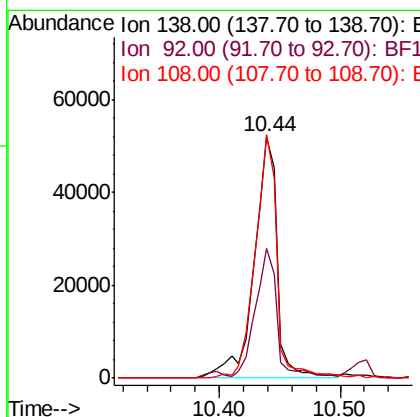
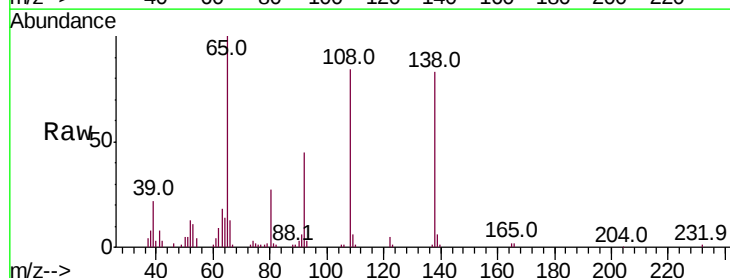
Instrument :
BNA_F
ClientSampled :

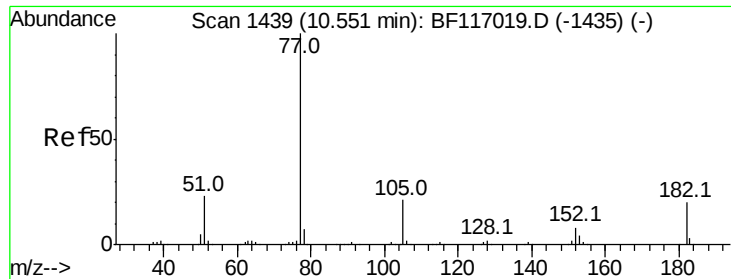
Tot Ion:204 Resp: 135066
Ion Ratio Lower Upper
204 100
206 31.9 26.0 39.0
141 71.1 58.2 87.2



#62
4-Nitroaniline
Concen: 37.361 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.02 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion:138 Resp: 69451
Ion Ratio Lower Upper
138 100
92 53.7 32.9 72.9
108 101.0 58.3 98.3#

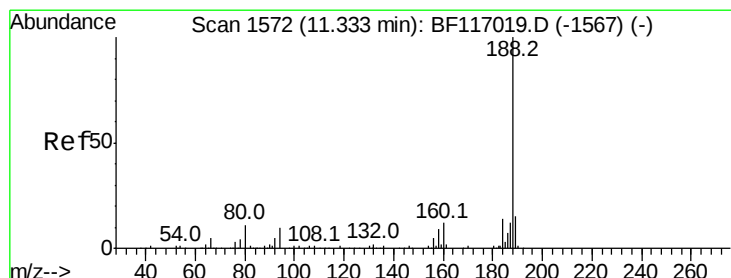
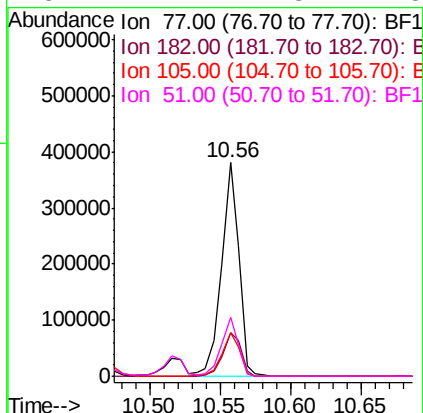
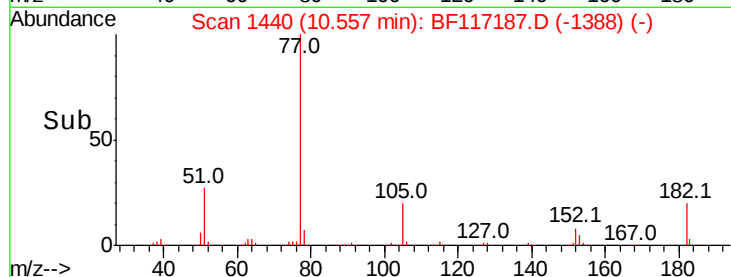
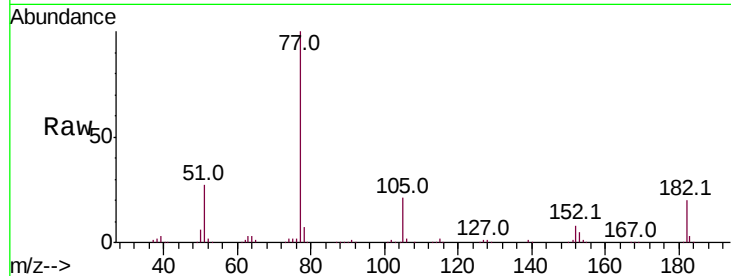




#63
Azobenzene
Concen: 46.381 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

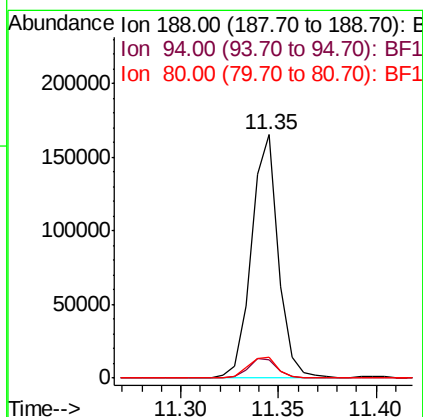
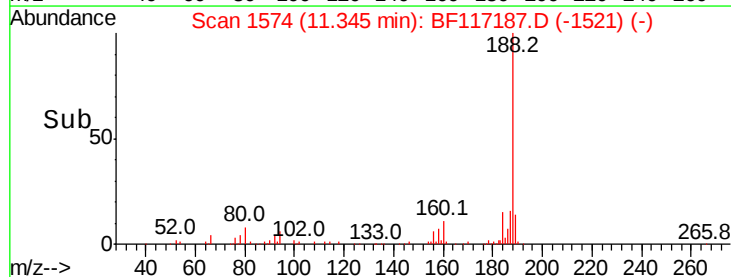
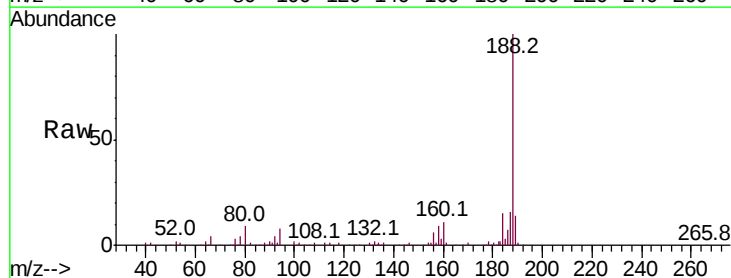
Instrument :
BNA_F
ClientSampled :

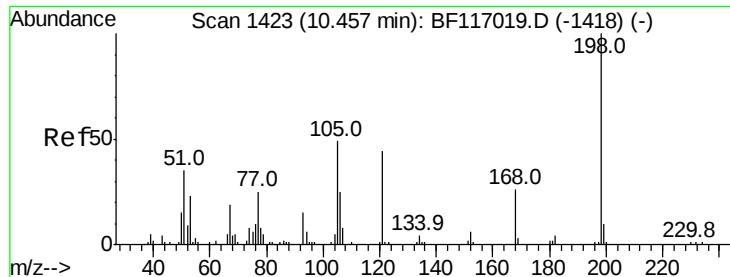
Tot Ion	Ratio	Lower	Upper
77	100		
182	20.3	0.4	40.4
105	20.5	0.9	40.9
51	27.4	2.8	42.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.2	12.2#
80	8.6	9.0	13.6#

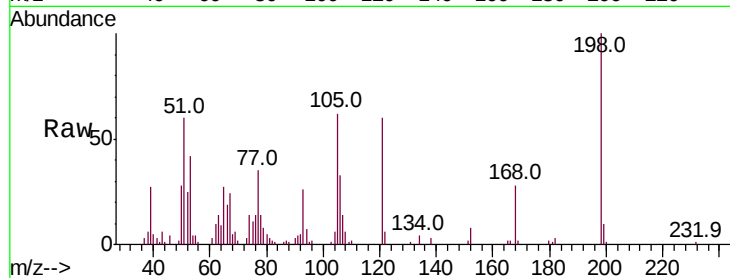




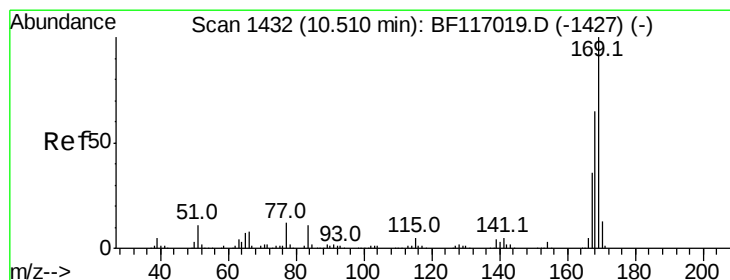
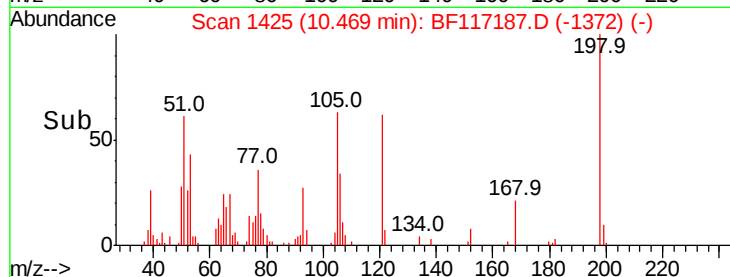
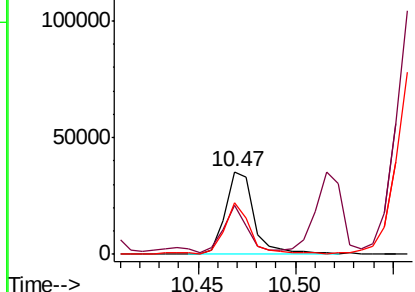
#65
4,6-Dinitro-2-methylphenol
Concen: 50.177 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 36303
Ion Ratio Lower Upper
198 100
51 59.7 18.7 58.7#
105 61.7 30.2 70.2

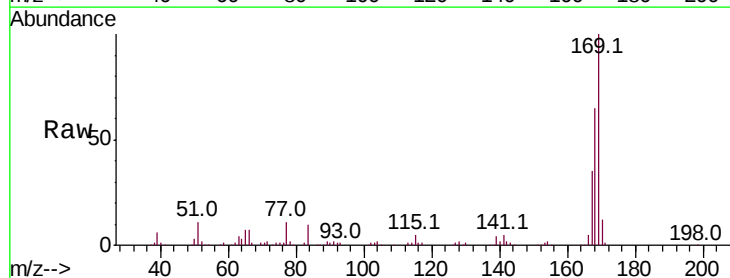


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

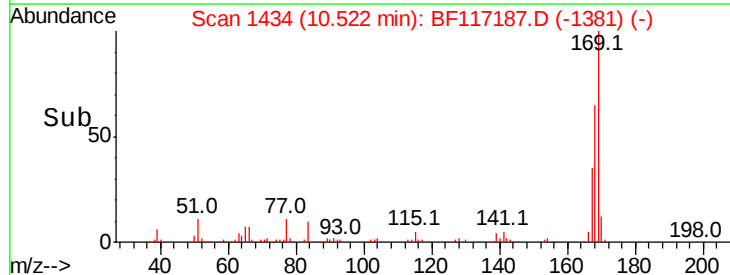
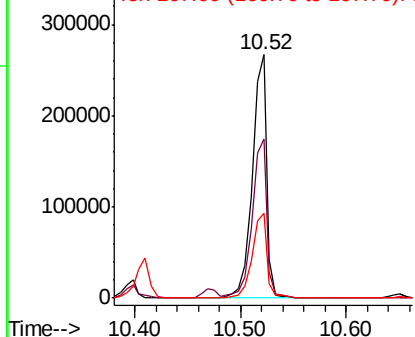


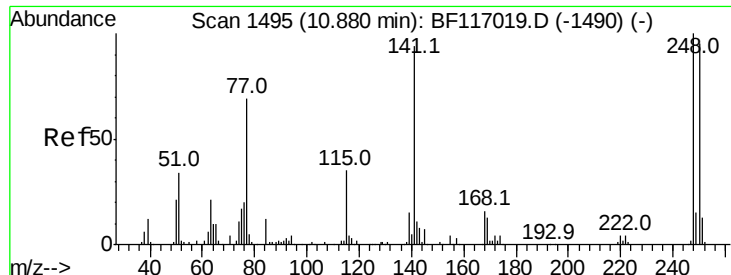
#66
n-Nitrosodiphenylamine
Concen: 46.861 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion:169 Resp: 255120
Ion Ratio Lower Upper
169 100
168 65.4 52.2 78.2
167 34.9 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

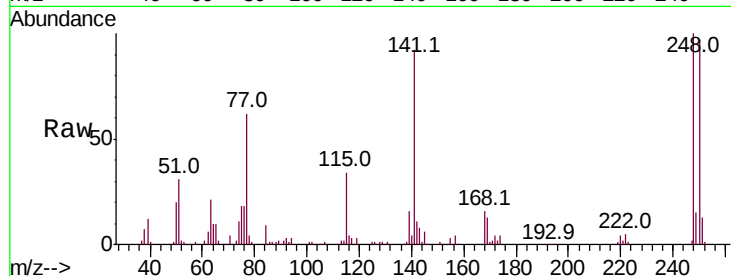




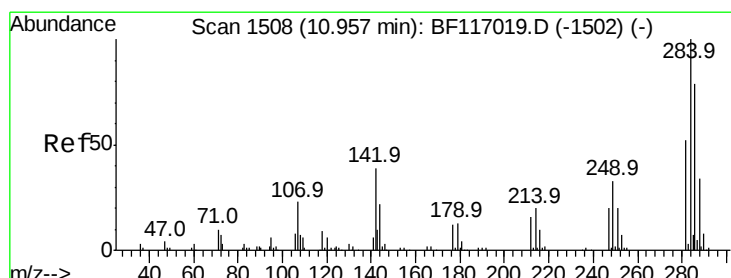
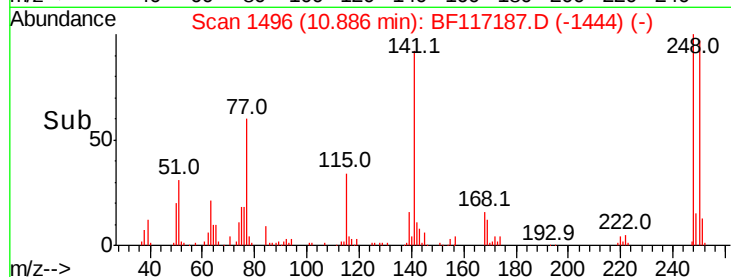
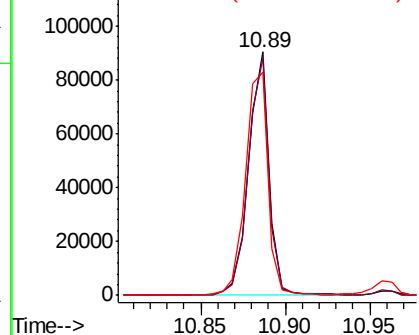
#67
 4-Bromophenyl-phenylether
 Concen: 47.783 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 76924
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.2 114.4
 141 91.6 75.0 112.4

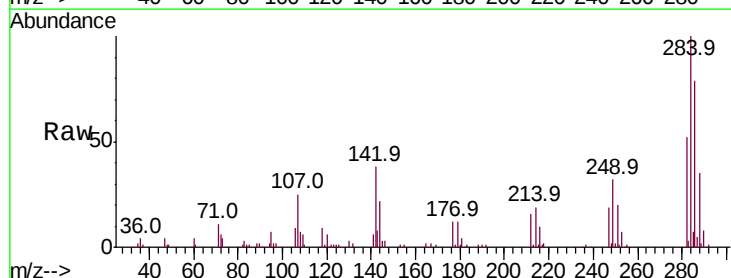


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

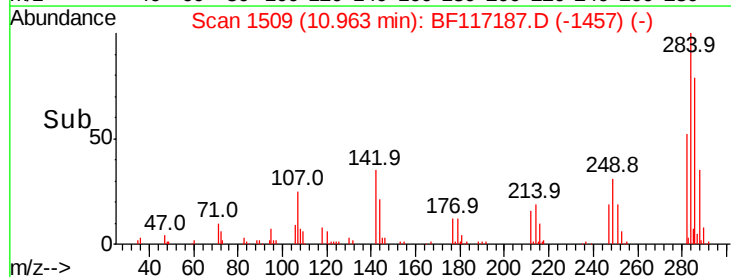
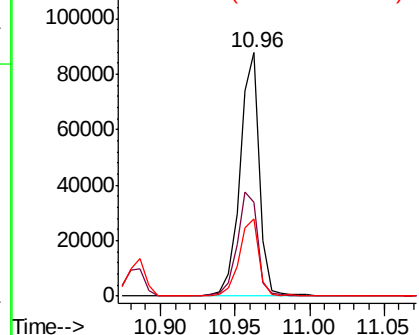


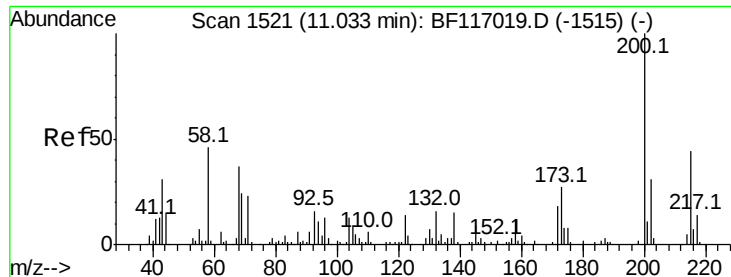
#68
 Hexachlorobenzene
 Concen: 45.257 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion:284 Resp: 79688
 Ion Ratio Lower Upper
 284 100
 142 38.4 31.4 47.2
 249 31.6 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

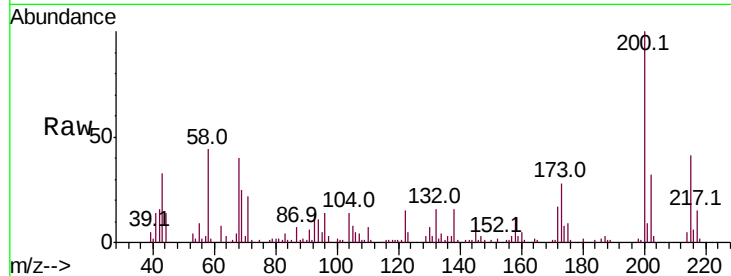




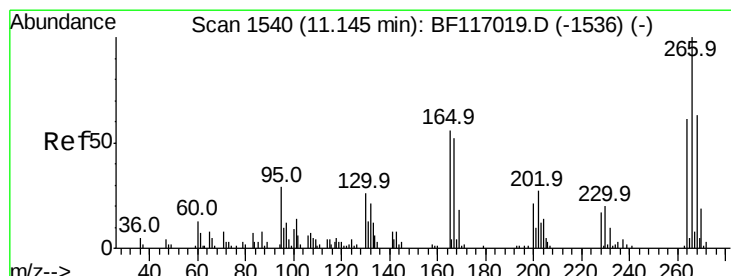
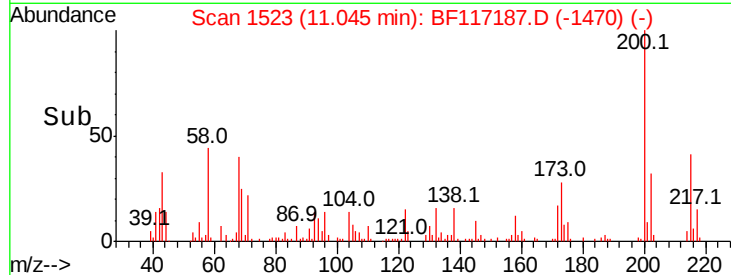
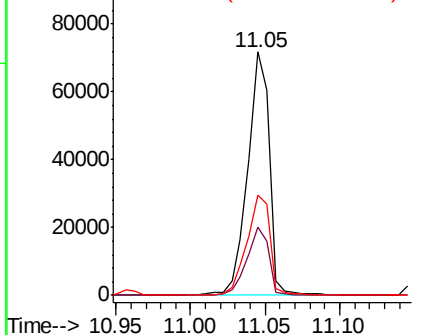
#69
 Atrazine
 Concen: 56.681 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	6.9	46.9
215	41.3	23.8	63.8

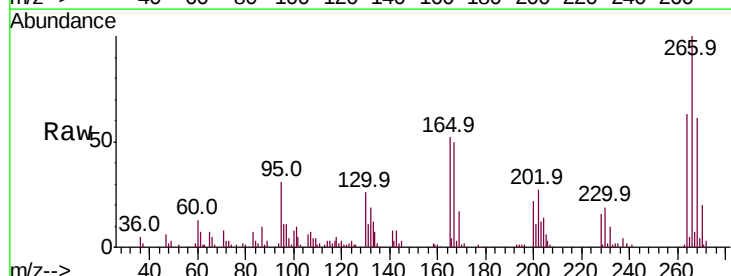


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

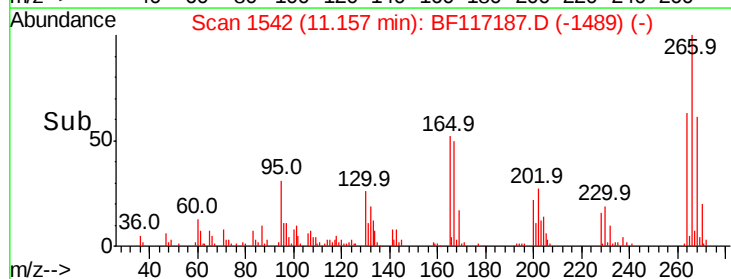
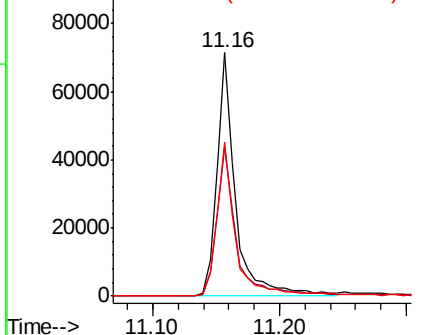


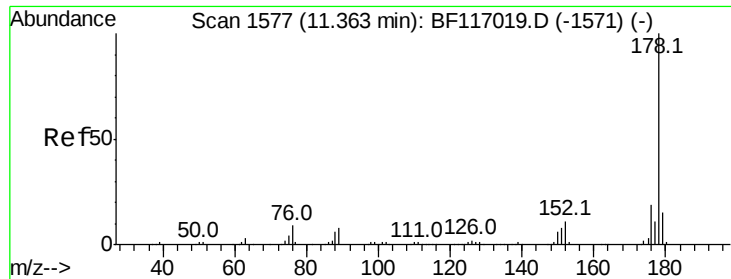
#70
 Pentachlorophenol
 Concen: 90.159 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.0	50.5	75.7
264	63.5	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

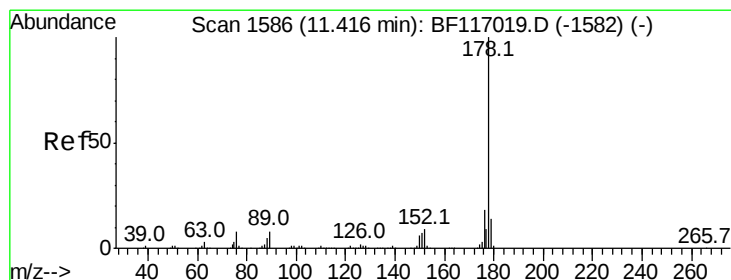
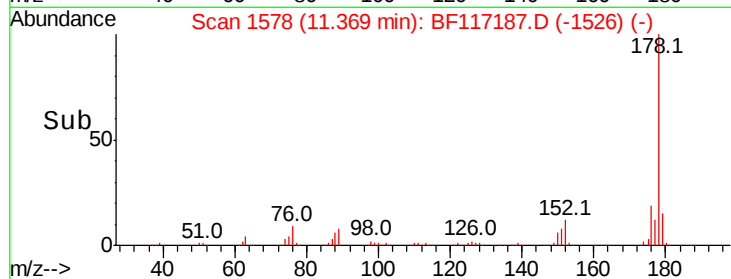
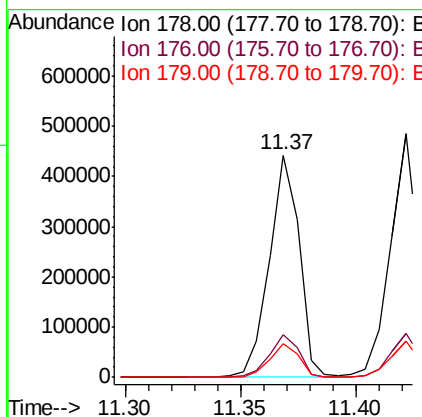
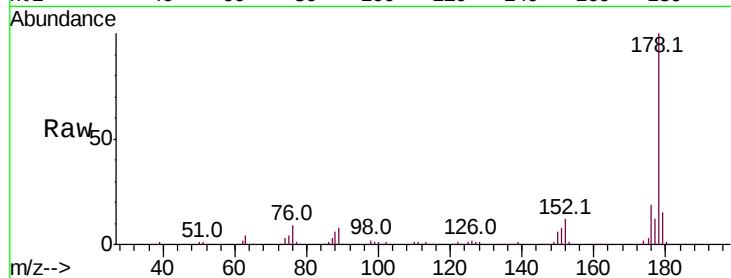




#71
Phenanthrene
Concen: 44.719 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

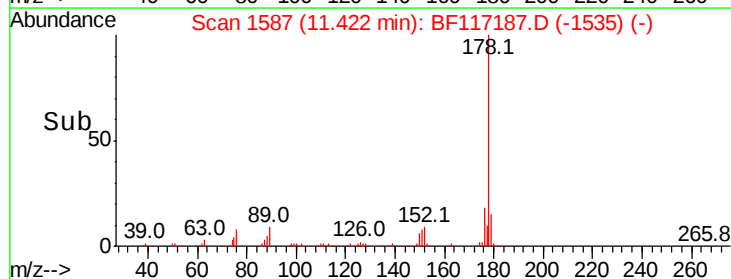
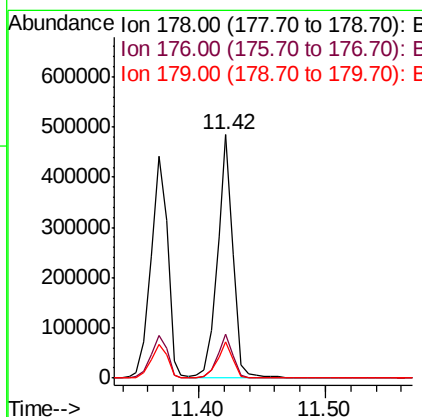
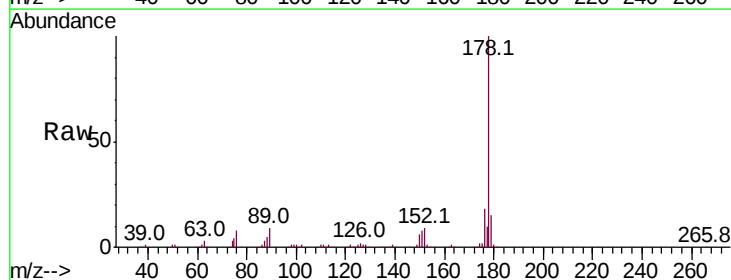
Instrument :
BNA_F
ClientSampleId :

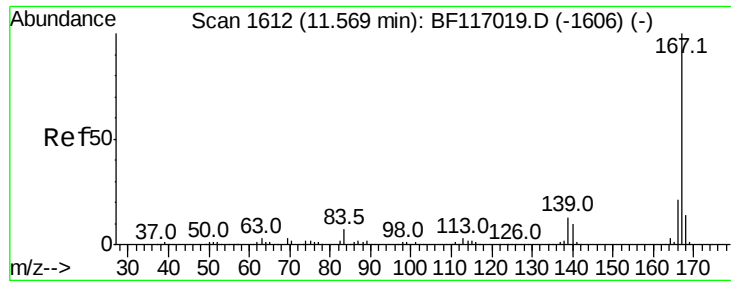
Tot Ion:178 Resp: 400397
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.3 12.4 18.6



#72
Anthracene
Concen: 45.743 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion:178 Resp: 418141
Ion Ratio Lower Upper
178 100
176 18.2 14.6 21.8
179 14.9 11.6 17.4

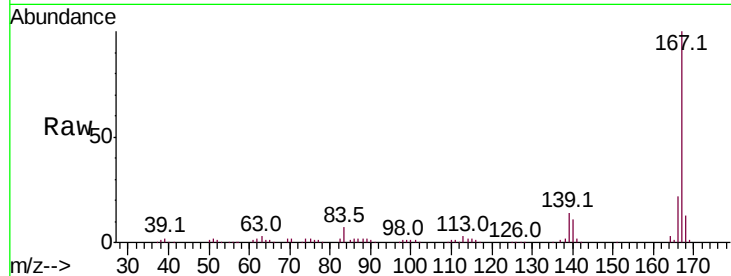




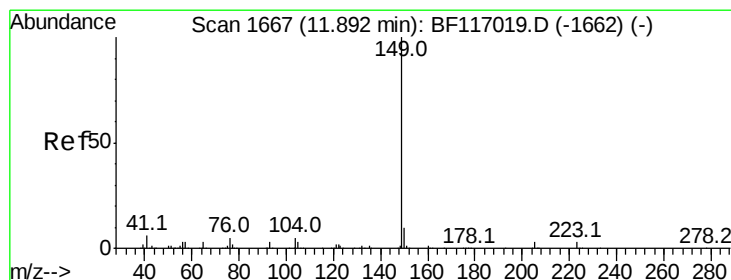
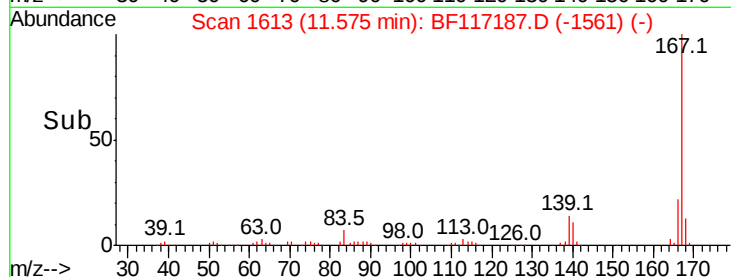
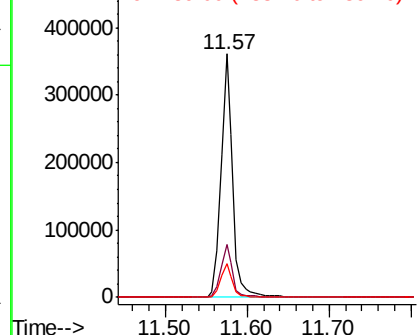
#73
 Carbazole
 Concen: 41.591 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 360870
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.9 10.6 16.0

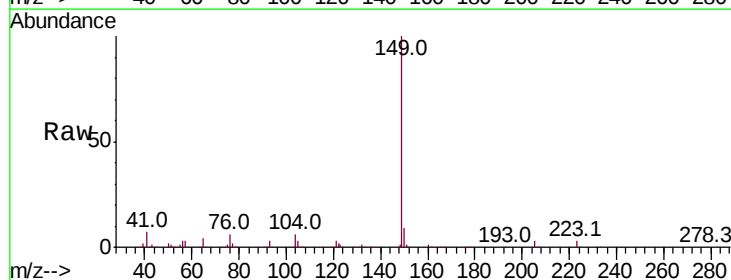


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

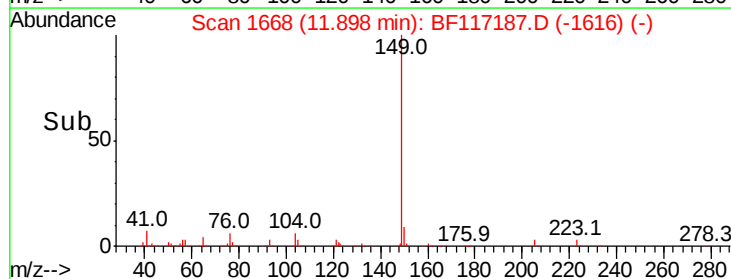
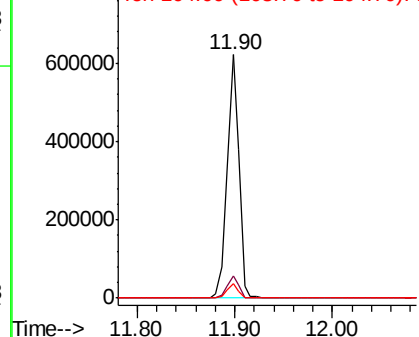


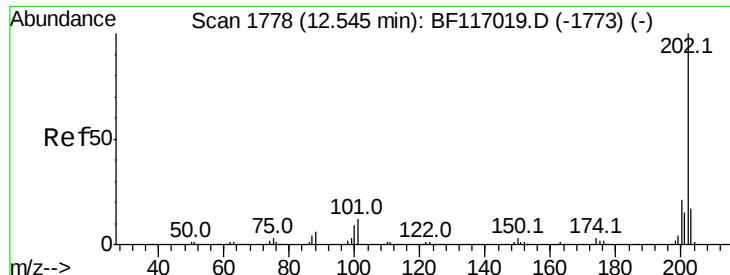
#74
 Di-n-butylphthalate
 Concen: 50.198 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion:149 Resp: 518217
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 5.8 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

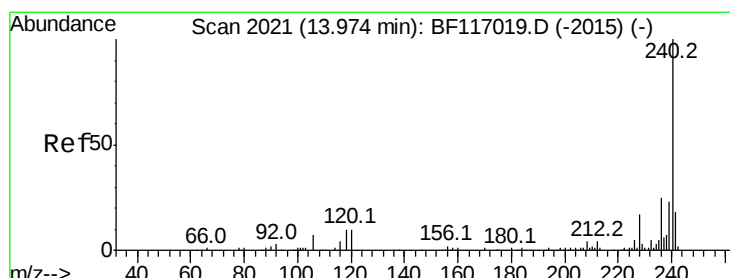
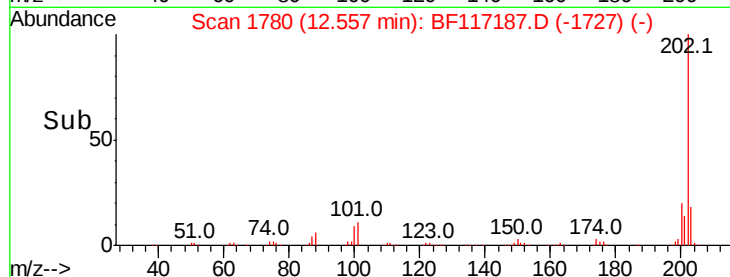
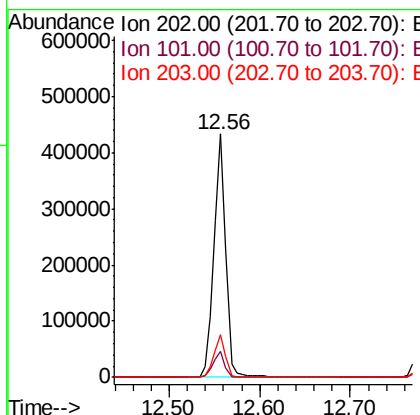
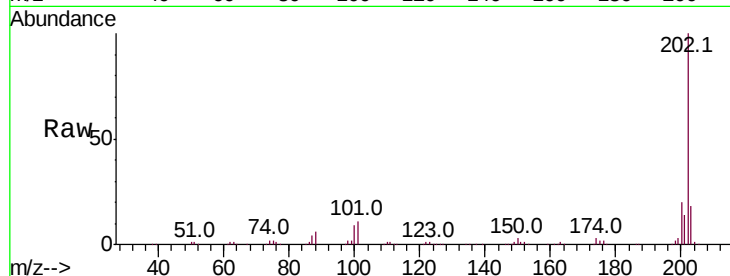




#75
 Fluoranthene
 Concen: 43.112 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

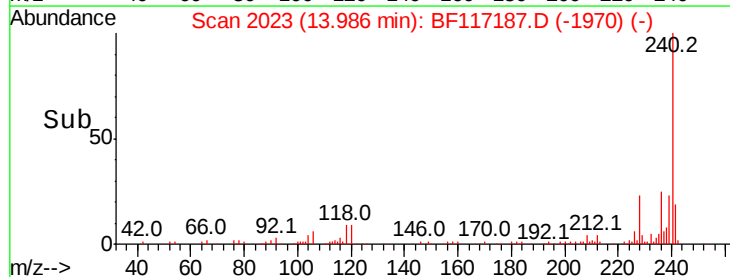
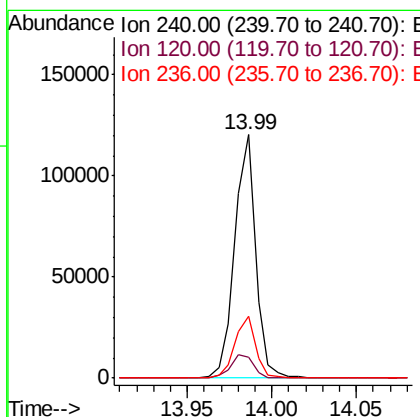
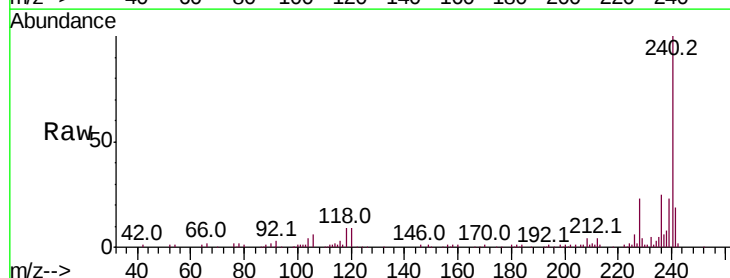
Instrument :
 BNA_F
 ClientSampled :

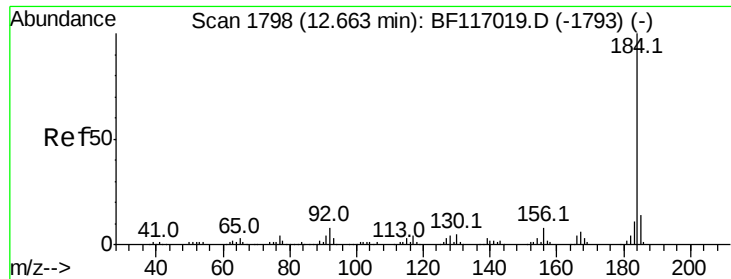
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	32.3
203	17.5	0.0	37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	8.3	12.5
236	25.3	20.3	30.5

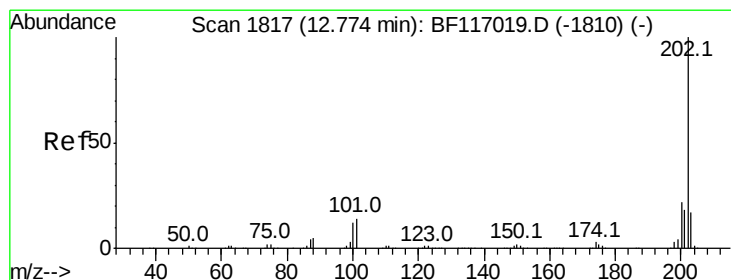
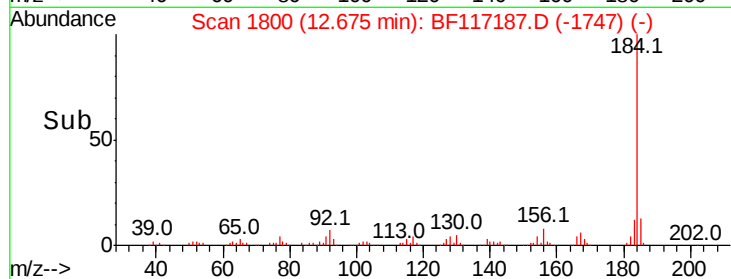
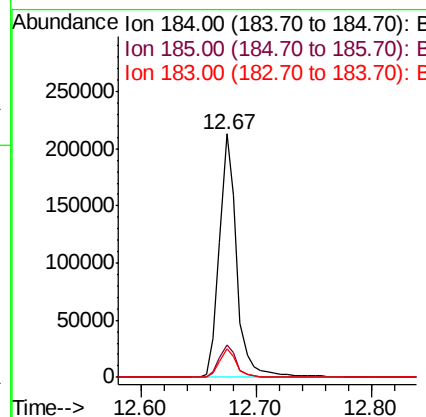
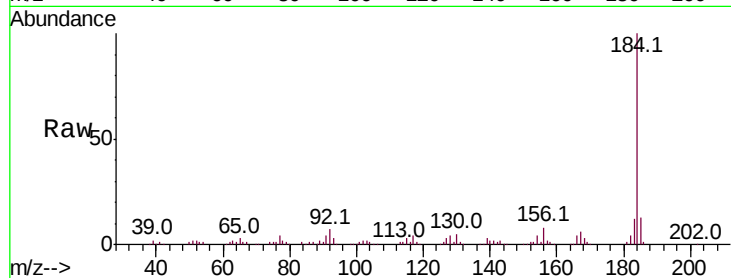




#77
Benzidine
Concen: 67.097 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

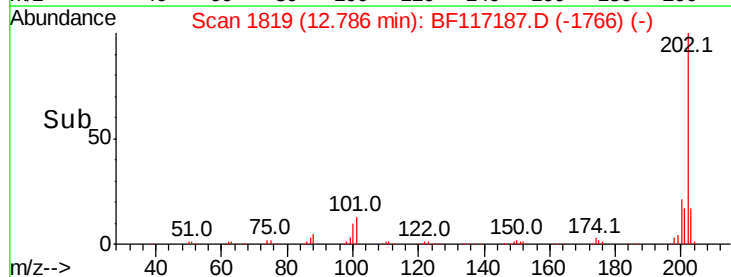
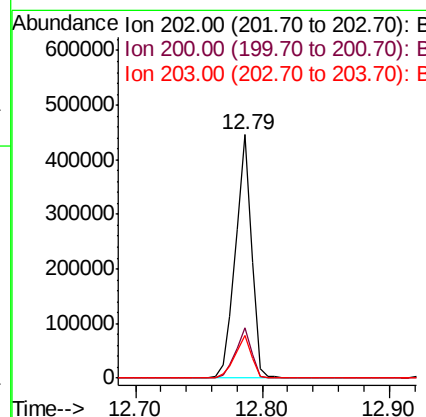
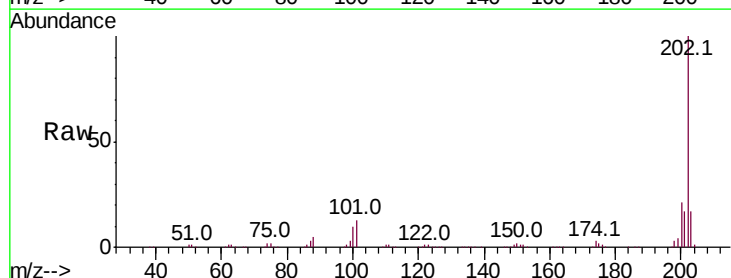
Instrument :
BNA_F
ClientSampled :

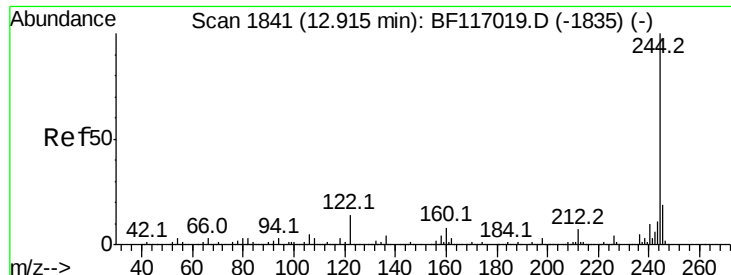
Tot Ion:184 Resp: 223586
Ion Ratio Lower Upper
184 100
185 13.2 11.6 17.4
183 11.8 9.0 13.4



#78
Pyrene
Concen: 44.799 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion:202 Resp: 388853
Ion Ratio Lower Upper
202 100
200 20.7 17.2 25.8
203 17.3 14.0 21.0





#79

Terphenyl-d14

Concen: 104.562 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Instrument :

BNA_F

ClientSampleId :

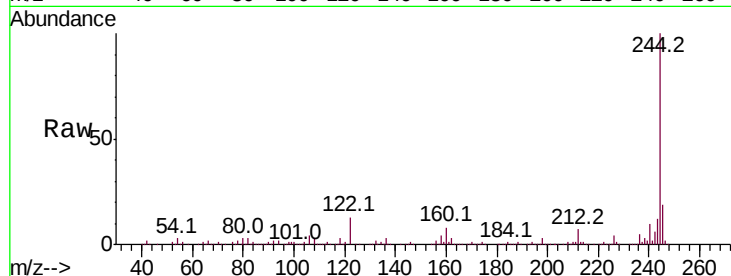
Tot Ion:244 Resp: 578662

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

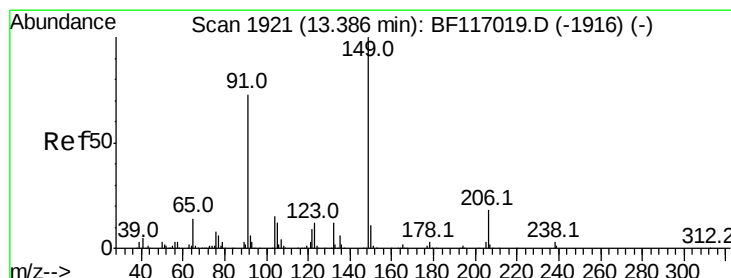
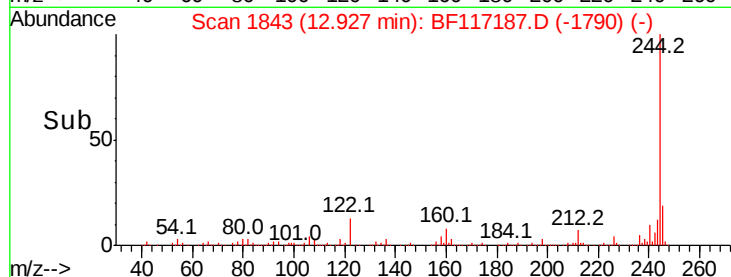
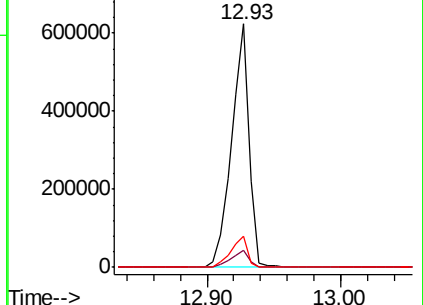
122 12.6 11.3 16.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.336 ng

RT: 13.39 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

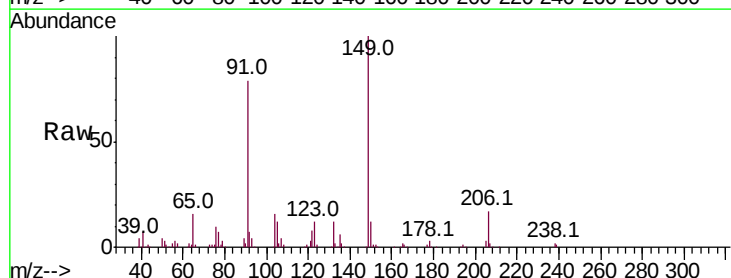
Tgt Ion:149 Resp: 198247

Ion Ratio Lower Upper

149 100

91 79.1 58.8 88.2

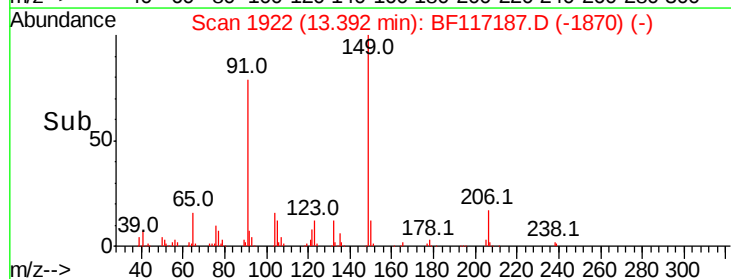
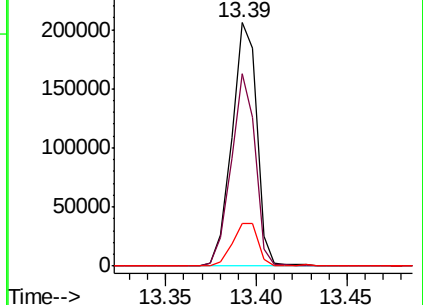
206 17.5 14.1 21.1

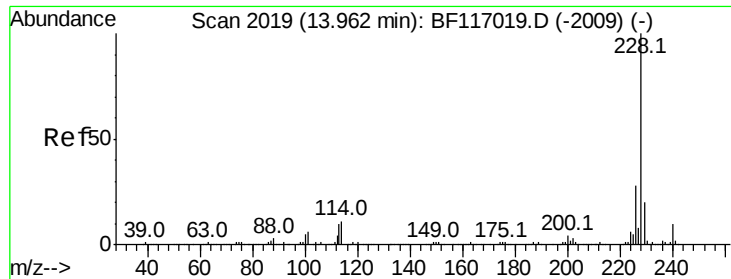


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

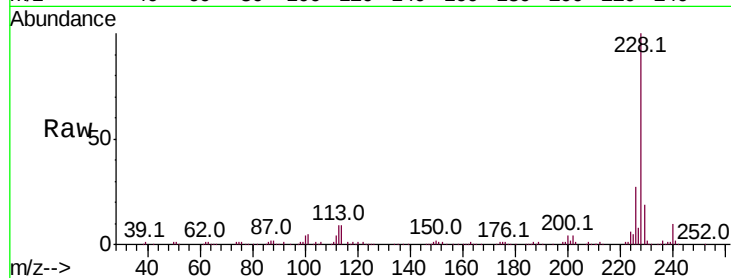




#81
Benzo(a)anthracene
Concen: 42.345 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.3	33.5
229	18.8	15.9	23.9

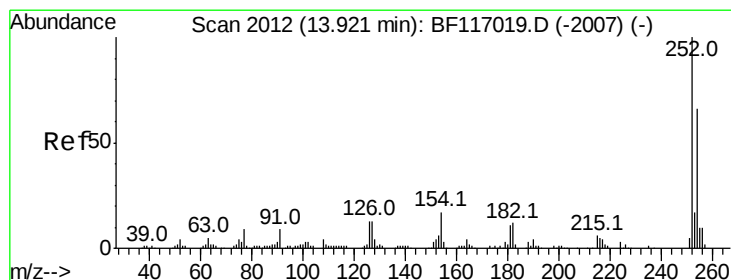
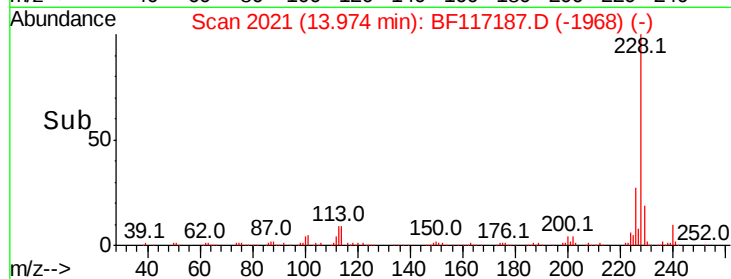
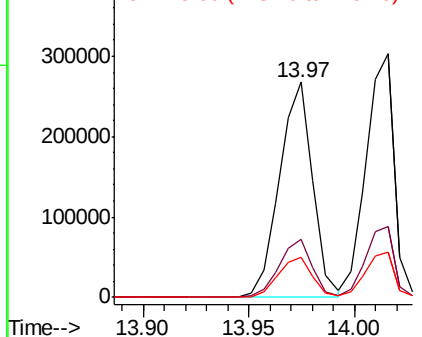


Abundance

Ion 228.00 (227.70 to 228.70): E

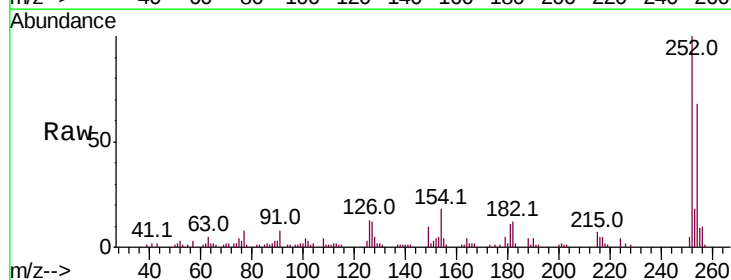
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 22.501 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.9	52.6	79.0
126	12.5	10.4	15.6

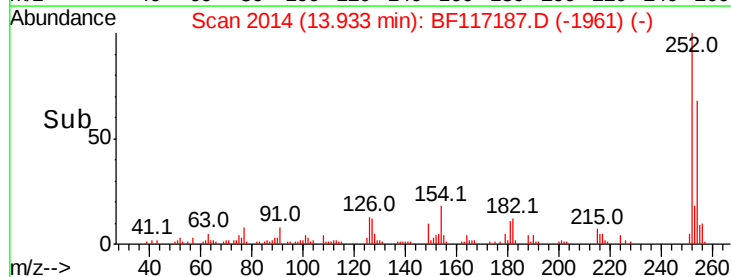
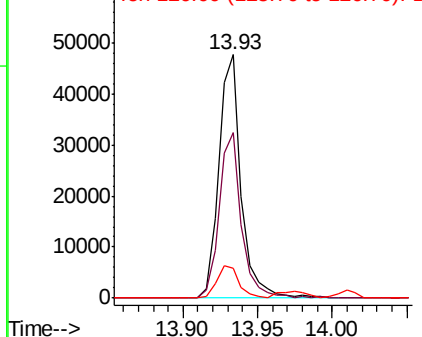


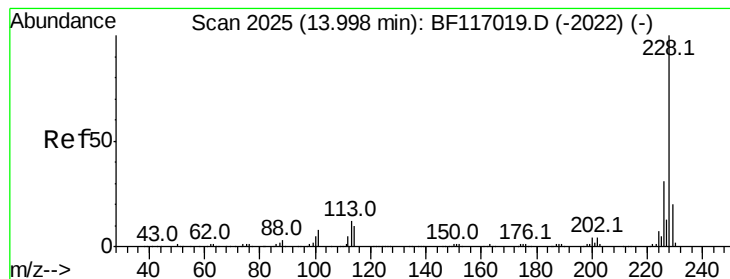
Abundance

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: 42.318 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.02 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Instrument :

BNA_F

ClientSampleId :

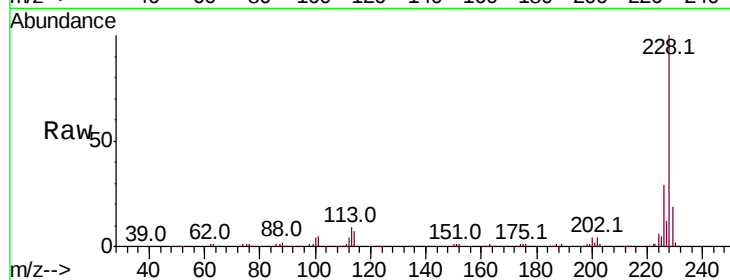
Tot Ion:228 Resp: 285258

Ion Ratio Lower Upper

228 100

226 29.1 24.8 37.2

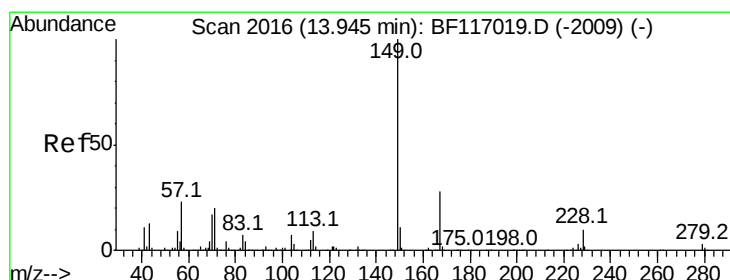
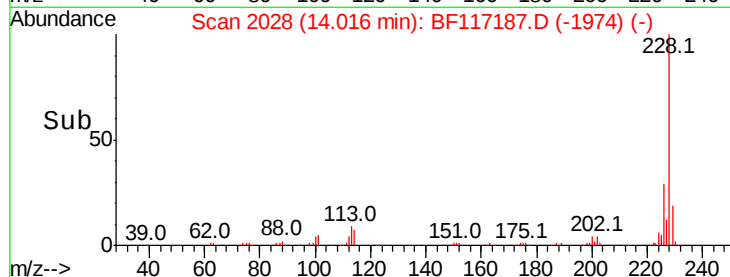
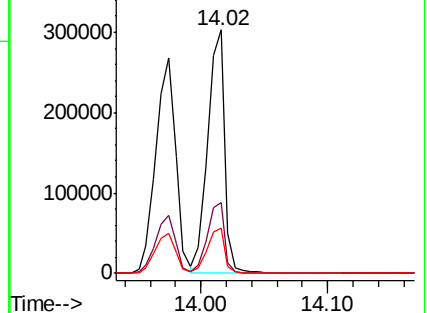
229 18.6 15.8 23.8



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: 55.790 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

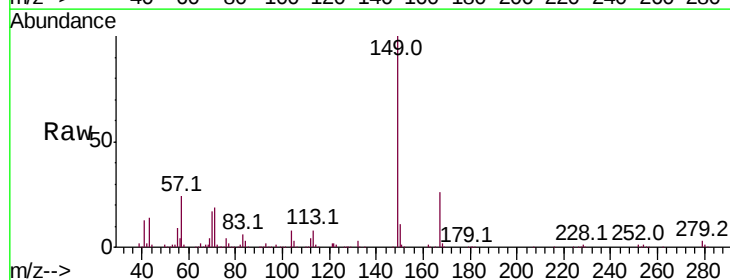
Tgt Ion:149 Resp: 295028

Ion Ratio Lower Upper

149 100

167 26.2 22.2 33.2

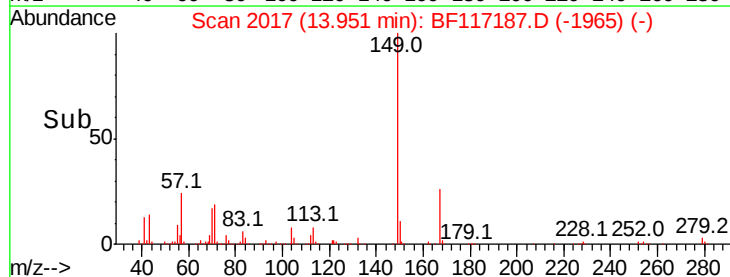
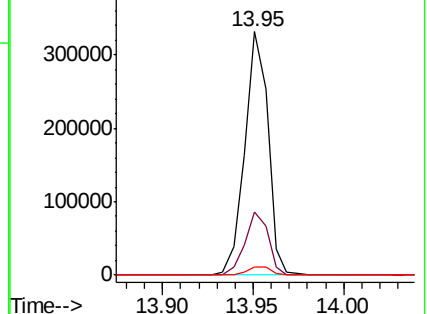
279 3.3 2.8 4.2

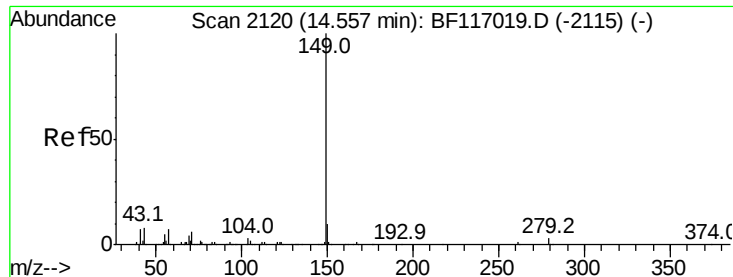


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

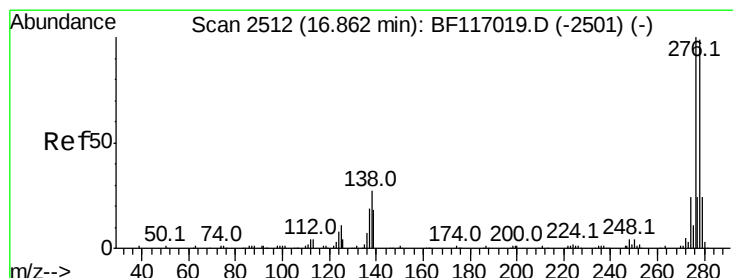
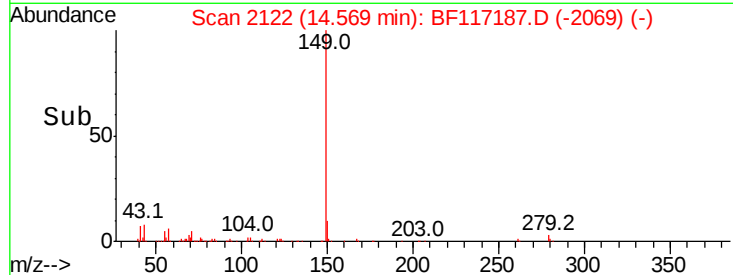
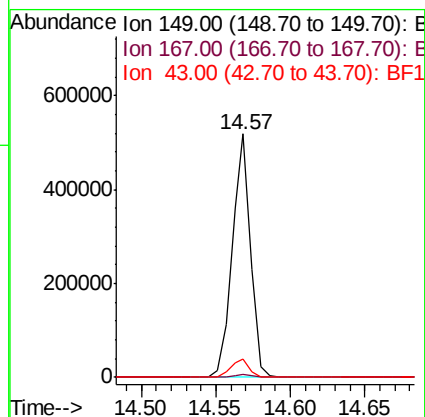
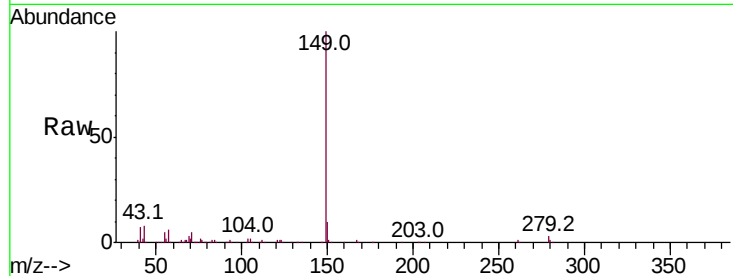




#85
Di-n-octyl phthalate
Concen: 53.803 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

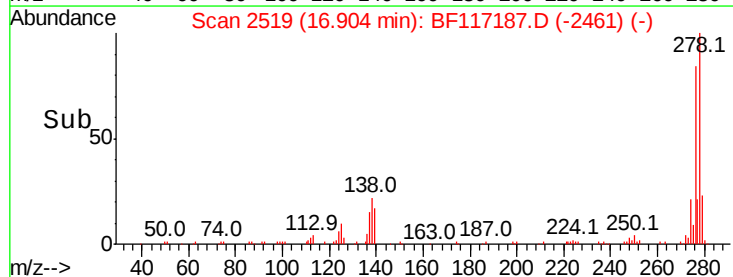
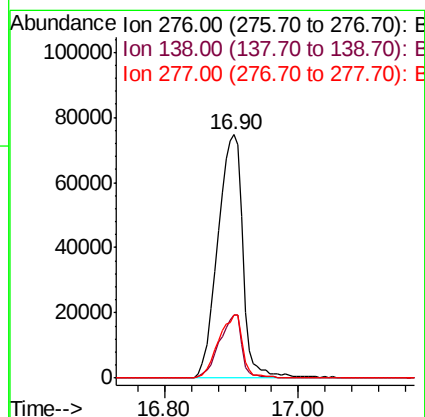
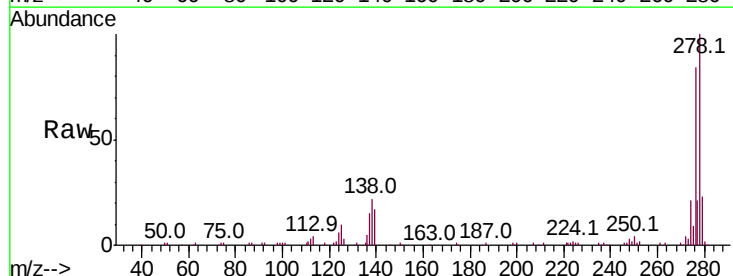
Instrument :
BNA_F
ClientSampleId :

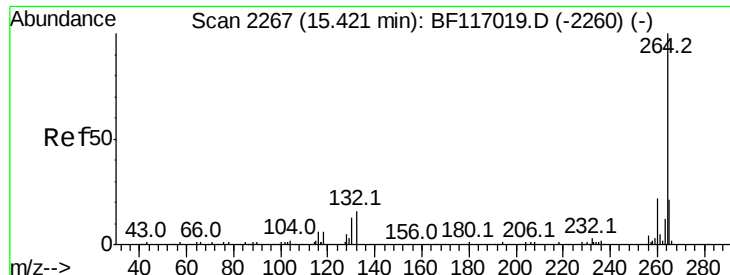
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	7.7	6.2	9.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.390 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.04 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	20.7	31.1
277	25.0	19.8	29.8

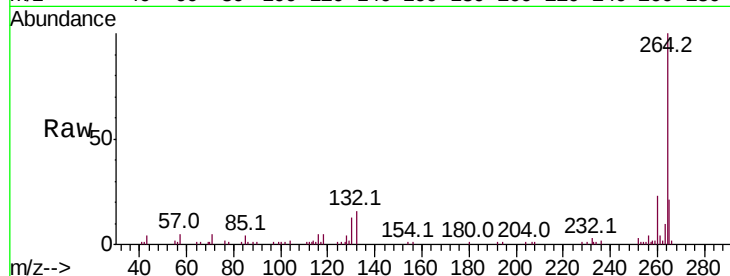




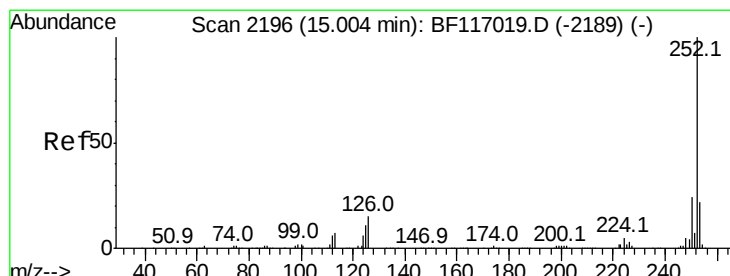
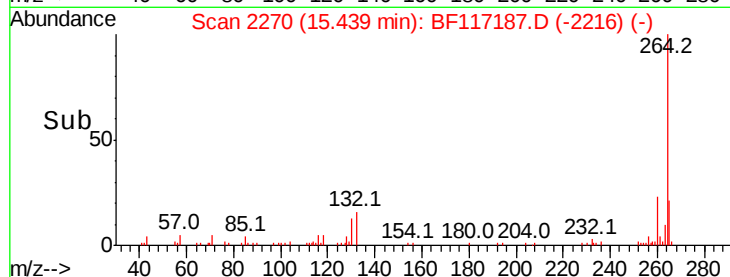
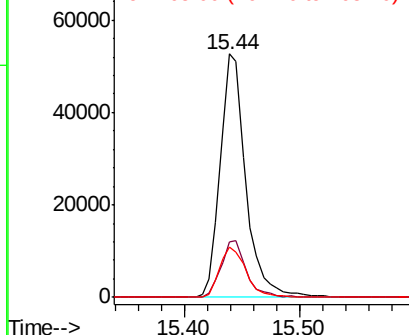
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.02 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 81001
Ion Ratio Lower Upper
264 100
260 22.6 17.6 26.4
265 20.9 16.6 24.8

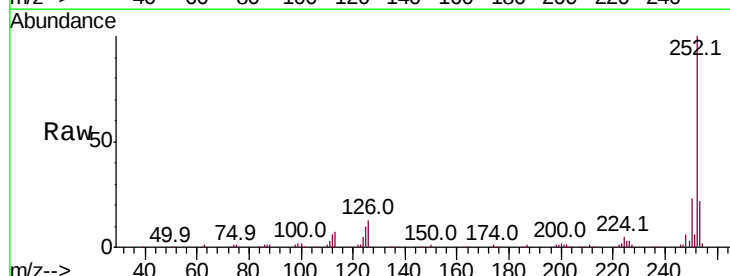


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

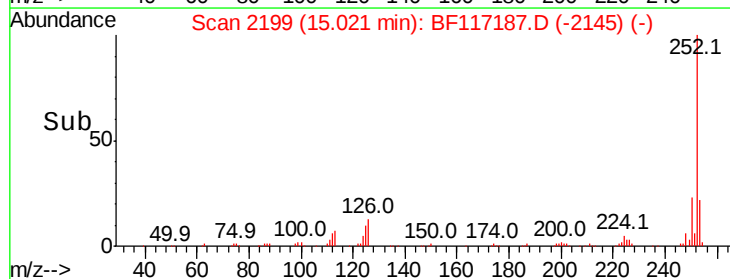
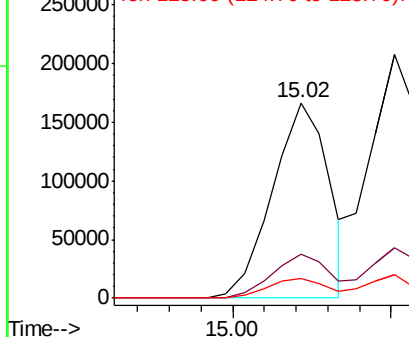


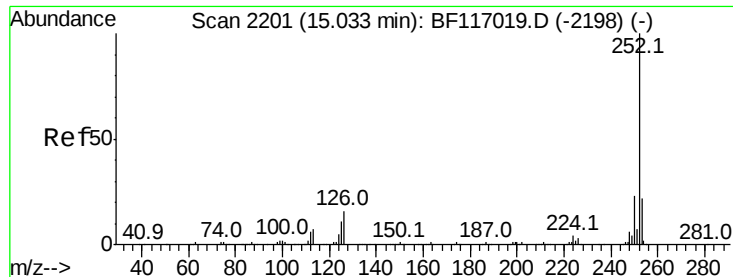
#88
Benzo(b)fluoranthene
Concen: 42.119 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.02 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion:252 Resp: 206656
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 10.3 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

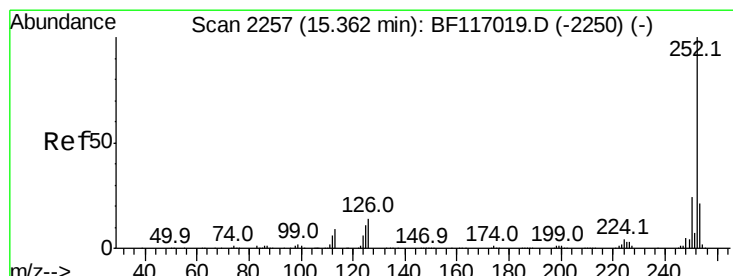
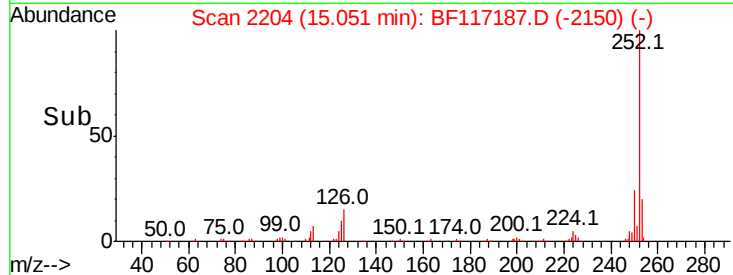
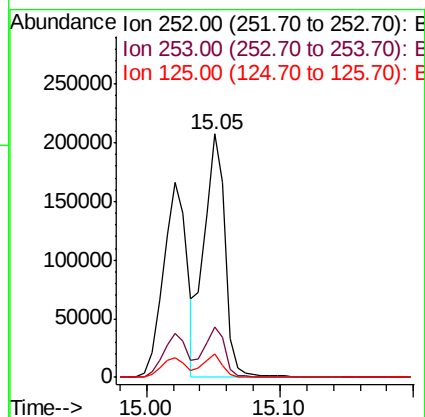
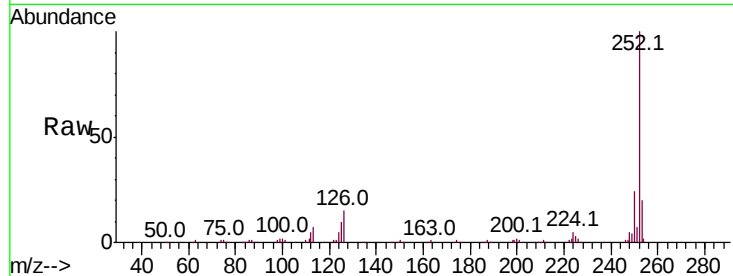




#89
Benzo(k)fluoranthene
Concen: 48.796 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.02 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

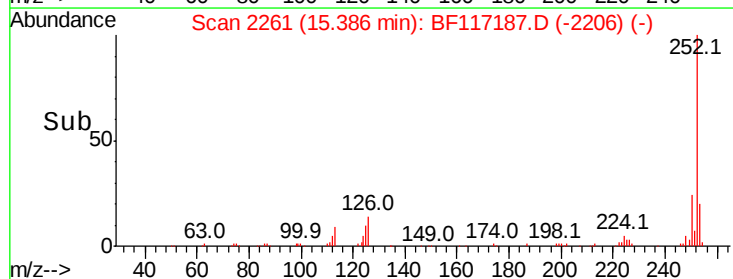
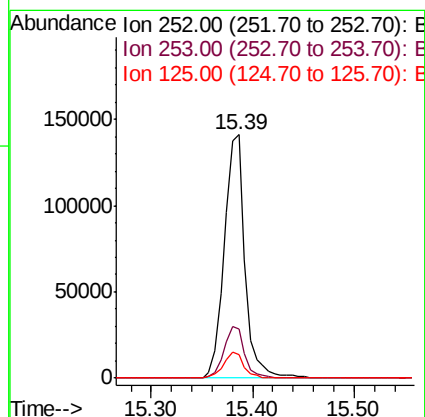
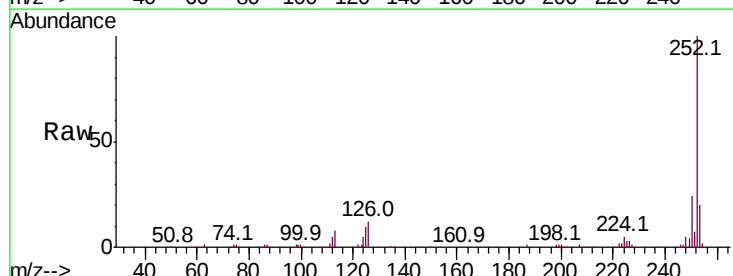
Instrument :
BNA_F
ClientSampleId :

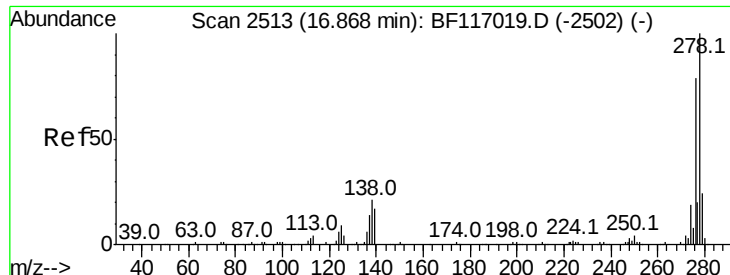
Tot Ion:252 Resp: 226795
Ion Ratio Lower Upper
252 100
253 20.5 17.4 26.2
125 9.8 8.8 13.2



#90
Benzo(a)pyrene
Concen: 46.525 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.02 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion:252 Resp: 200316
Ion Ratio Lower Upper
252 100
253 20.3 16.6 25.0
125 9.6 8.9 13.3

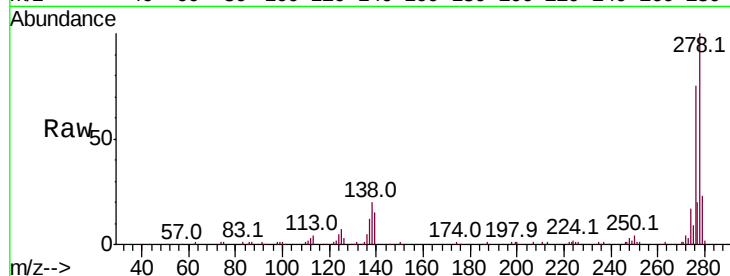




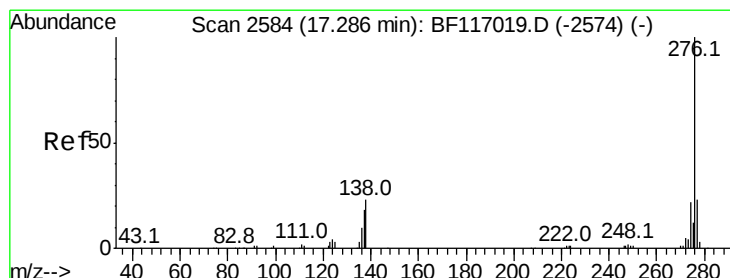
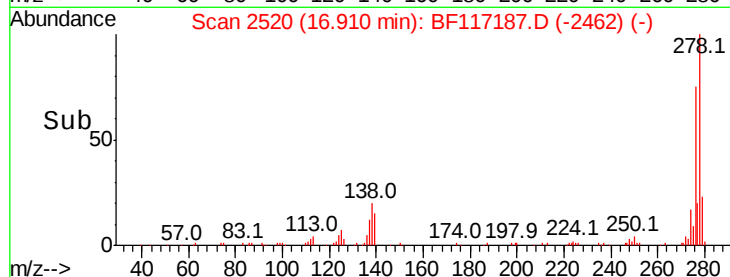
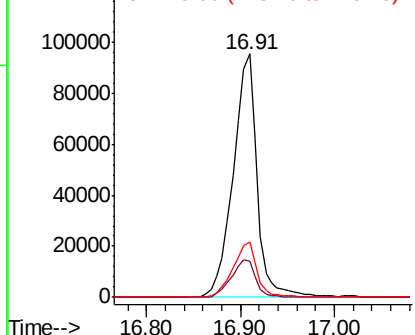
#91
Dibenzo(a,h)anthracene
Concen: 49.267 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.04 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.5	20.3
279	22.6	18.8	28.2

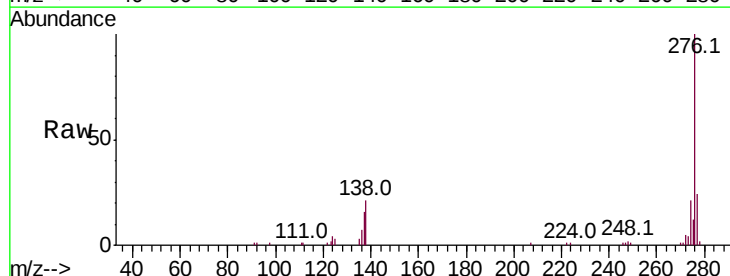


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.360 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.04 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	27.8
138	20.8	18.0	27.0



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

