

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117185.D
 Acq On : 20 Sep 2019 13:57
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 22:58:23 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	40759	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	183268	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	97578	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	155729	20.00	ng	0.01
76) Chrysene-d12	13.99	240	99502	20.00	ng	0.01
87) Perylene-d12	15.43	264	80256	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	201624	77.23	ng	0.00
7) Phenol-d6	6.46	99	265776	78.77	ng	0.00
23) Nitrobenzene-d5	7.39	82	272576	78.15	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	69730	85.50	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	537214	86.08	ng	0.00
79) Terphenyl-d14	12.93	244	503566	94.60	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	37534	34.358	ng	96
3) Pyridine	3.32	79	99097	33.142	ng	95
4) n-Nitrosodimethylamine	3.27	42	43943	42.824	ng	# 76
6) Aniline	6.49	93	168393	38.765	ng	97
8) 2-Chlorophenol	6.61	128	112610	39.984	ng	98
9) Benzaldehyde	6.37	77	71064	42.819	ng	94
10) Phenol	6.47	94	143893	38.687	ng	84
11) bis(2-Chloroethyl)ether	6.56	93	107062	39.164	ng	97
12) 1,3-Dichlorobenzene	6.76	146	129041	40.831	ng	99
13) 1,4-Dichlorobenzene	6.84	146	132126	40.967	ng	98
14) 1,2-Dichlorobenzene	6.99	146	125713	41.865	ng	96
15) Benzyl Alcohol	6.97	79	110842	42.841	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	106998	39.617	ng	90
17) 2-Methylphenol	7.08	107	94606	40.081	ng	93
18) Hexachloroethane	7.33	117	53627	43.222	ng	91
19) n-Nitroso-di-n-propylamine	7.24	70	91245	44.413	ng	92
20) 3+4-Methylphenols	7.23	107	124032	42.186	ng	97
22) Acetophenone	7.23	105	187512	40.271	ng	# 95
24) Nitrobenzene	7.41	77	130715	37.949	ng	96
25) Isophorone	7.65	82	240206	38.895	ng	99
26) 2-Nitrophenol	7.72	139	56353	38.088	ng	95
27) 2,4-Dimethylphenol	7.76	122	87167	37.151	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	148780	39.101	ng	99
29) 2,4-Dichlorophenol	7.97	162	94429	38.410	ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	105395	39.681	ng	99
31) Naphthalene	8.13	128	342987	38.914	ng	99
32) Benzoic acid	7.92	122	50399	31.134	ng	92
33) 4-Chloroaniline	8.17	127	146761	37.541	ng	96
34) Hexachlorobutadiene	8.25	225	65905	43.735	ng	98
35) Caprolactam	8.56	113	19941	23.964	ng	90
36) 4-Chloro-3-methylphenol	8.66	107	110609	38.585	ng	95
37) 2-Methylnaphthalene	8.82	142	239665	40.379	ng	99
38) 1-Methylnaphthalene	8.92	142	224638	40.410	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	101051	40.104	ng	98

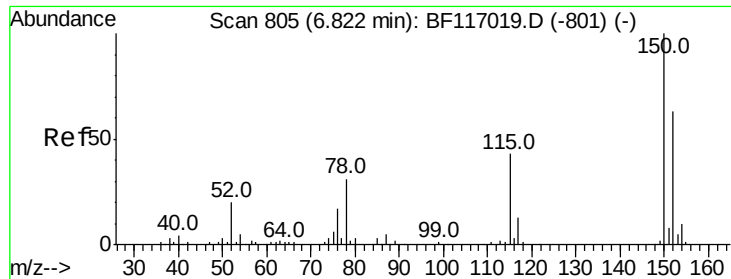
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117185.D
 Acq On : 20 Sep 2019 13:57
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 22:58:23 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	43318	42.925	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	64519	37.731	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	65907	36.075	ng	97
46) 1,1'-Biphenyl	9.28	154	303265	39.622	ng	98
47) 2-Chloronaphthalene	9.31	162	231255	38.283	ng	99
48) 2-Nitroaniline	9.40	65	72684	37.513	ng	87
49) Acenaphthylene	9.72	152	336951	37.235	ng	100
50) Dimethylphthalate	9.58	163	272993	39.513	ng	100
51) 2,6-Dinitrotoluene	9.65	165	54126	38.465	ng	# 75
52) Acenaphthene	9.89	154	205136	38.241	ng	100
53) 3-Nitroaniline	9.82	138	62881	35.418	ng	91
54) 2,4-Dinitrophenol	9.93	184	18944	36.773	ng	93
55) Dibenzofuran	10.06	168	307122	38.805	ng	94
56) 4-Nitrophenol	9.99	139	41561	36.120	ng	87
57) 2,4-Dinitrotoluene	10.06	165	71200	38.981	ng	# 86
58) Fluorene	10.41	166	256567	40.243	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	52805	37.770	ng	95
60) Diethylphthalate	10.28	149	280750	41.303	ng	97
61) 4-Chlorophenyl-phenylether	10.40	204	118104	42.816	ng	99
62) 4-Nitroaniline	10.43	138	62680	33.949	ng	# 82
63) Azobenzene	10.56	77	280464	40.400	ng	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	25839	38.081	ng	85
66) n-Nitrosodiphenylamine	10.52	169	215061	39.987	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	67949	42.725	ng	98
68) Hexachlorobenzene	10.96	284	71808	41.281	ng	98
69) Atrazine	11.04	200	54826	39.689	ng	99
70) Pentachlorophenol	11.16	266	39972	49.023	ng	99
71) Phenanthrene	11.37	178	344958	38.999	ng	99
72) Anthracene	11.42	178	346637	38.385	ng	99
73) Carbazole	11.57	167	305260	35.613	ng	98
74) Di-n-butylphthalate	11.90	149	457250	44.835	ng	99
75) Fluoranthene	12.56	202	335919	36.961	ng	97
77) Benzidine	12.67	184	104661	32.653	ng	100
78) Pyrene	12.79	202	332213	39.791	ng	99
80) Butylbenzylphthalate	13.39	149	175880	44.583	ng	97
81) Benzo(a)anthracene	13.97	228	255616	38.451	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	80108	37.395	ng	96
83) Chrysene	14.01	228	243967	37.627	ng	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	251672	49.478	ng	97
85) Di-n-octyl phthalate	14.56	149	377951	47.209	ng	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	167257	35.358	ng	98
88) Benzo(b)fluoranthene	15.02	252	189339	38.947	ng	98
89) Benzo(k)fluoranthene	15.02	252	189339	41.115	ng	98
90) Benzo(a)pyrene	15.37	252	163594	38.349	ng	98
91) Dibenzo(a,h)anthracene	16.89	278	143752	42.300	ng	97
92) Benzo(g,h,i)perylene	17.32	276	125939	37.189	ng	97

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

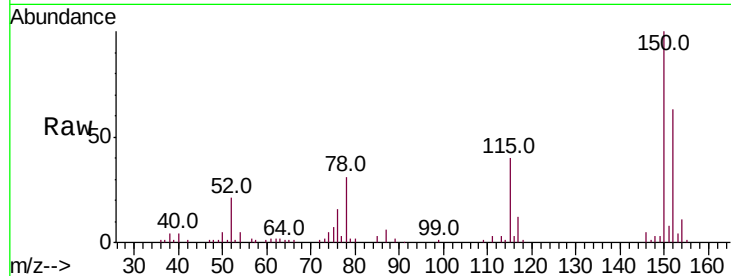


#1

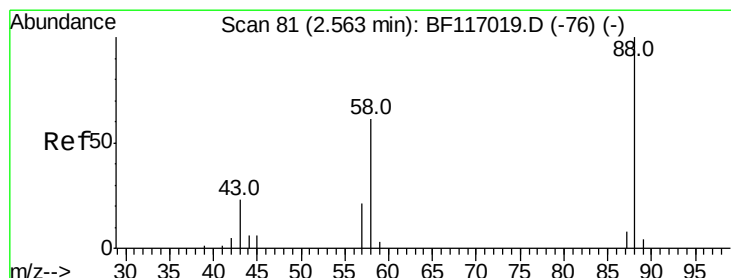
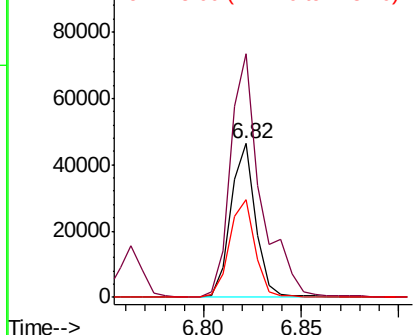
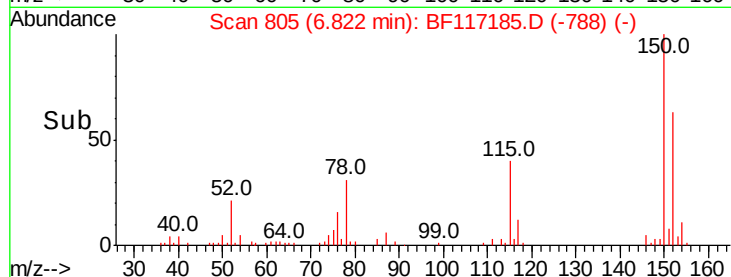
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 40759
Ion Ratio Lower Upper
152 100
150 158.4 127.5 191.3
115 63.4 55.0 82.4



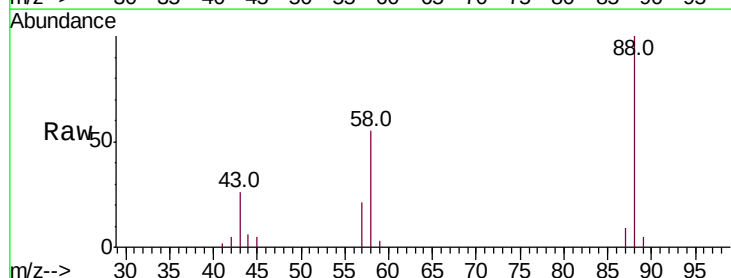
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



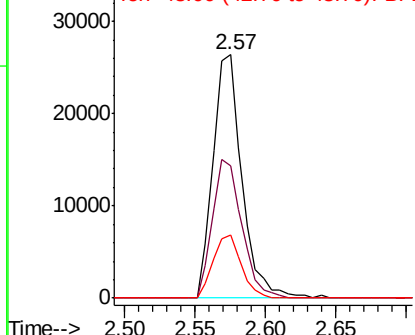
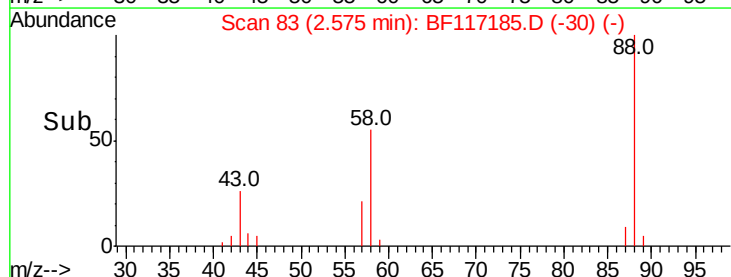
#2

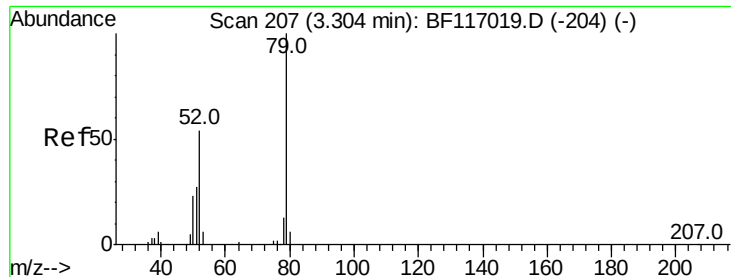
1,4-Dioxane
Concen: 34.358 ng
RT: 2.57 min Scan# 83
Delta R.T. 0.01 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Tgt Ion: 88 Resp: 37534
Ion Ratio Lower Upper
88 100
58 57.7 49.3 73.9
43 25.0 18.8 28.2



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





#3

Pvridine

Concen: 33.142 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.01 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

Instrument :

BNA_F

ClientSampled :

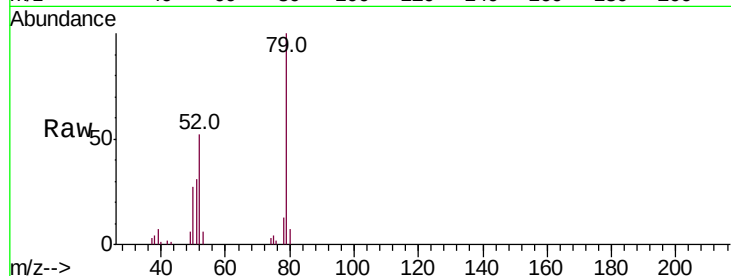
Tot Ion: 79 Resp: 99097

Ion Ratio Lower Upper

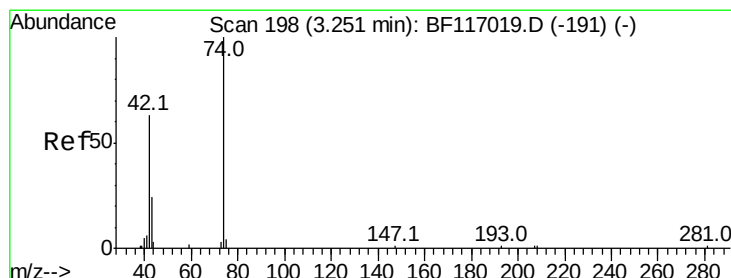
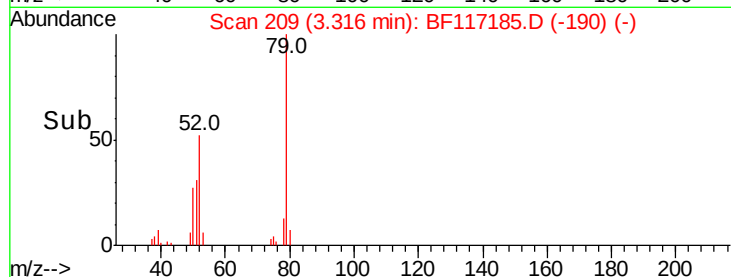
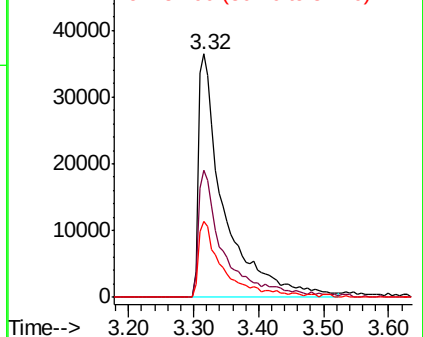
79 100

52 52.3 43.5 65.3

51 31.3 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: 42.824 ng

RT: 3.27 min Scan# 202

Delta R.T. 0.02 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

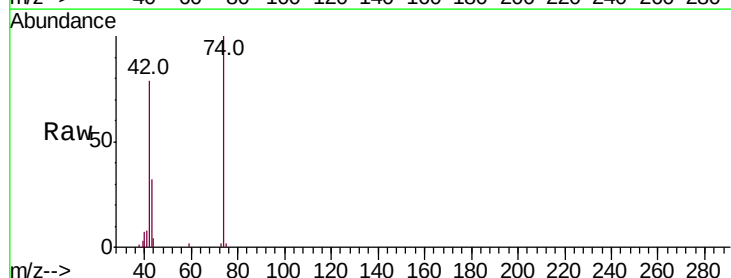
Tgt Ion: 42 Resp: 43943

Ion Ratio Lower Upper

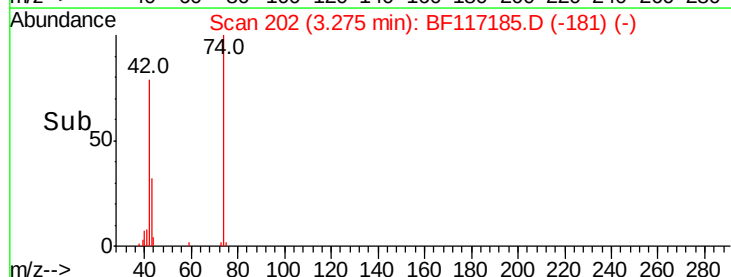
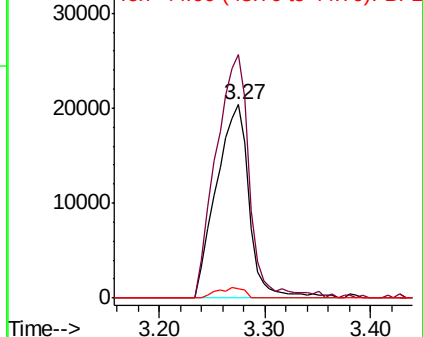
42 100

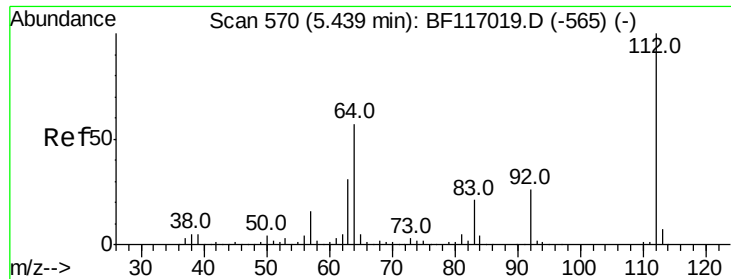
74 125.8 127.1 190.7#

44 4.9 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: 77.231 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

Instrument :

BNA_F

ClientSampleId :

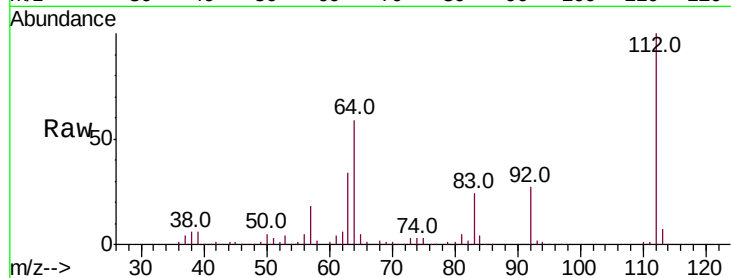
Tot Ion:112 Resp: 201624

Ion Ratio Lower Upper

112 100

64 59.1 45.7 68.5

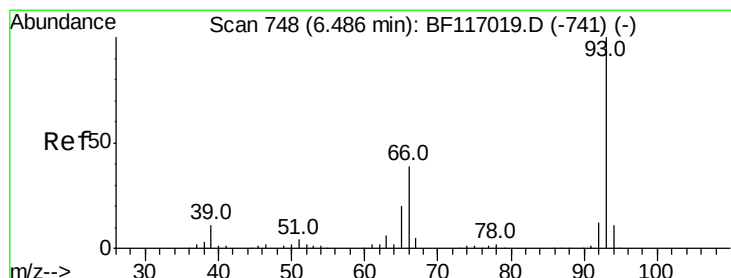
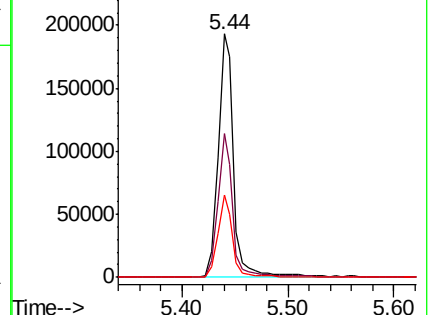
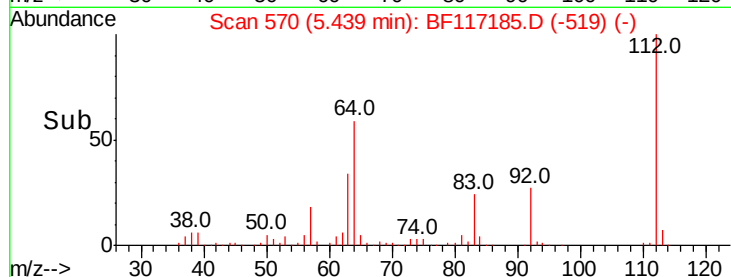
63 33.7 24.9 37.3



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: 38.765 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

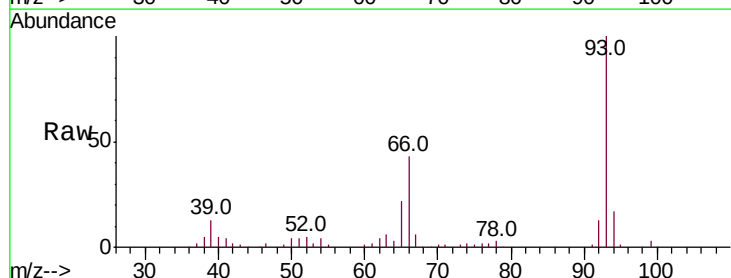
Tgt Ion: 93 Resp: 168393

Ion Ratio Lower Upper

93 100

66 43.1 32.6 49.0

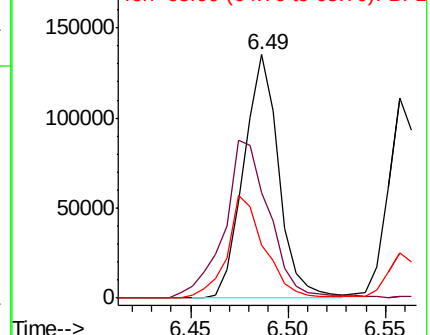
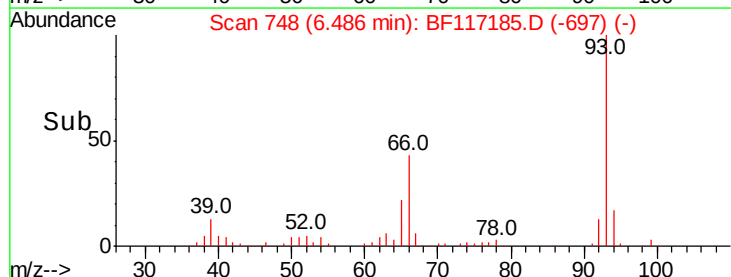
65 21.7 16.7 25.1

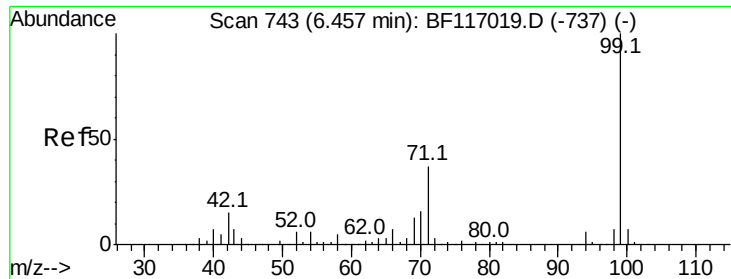


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.774 ng

RT: 6.46 min Scan# 744

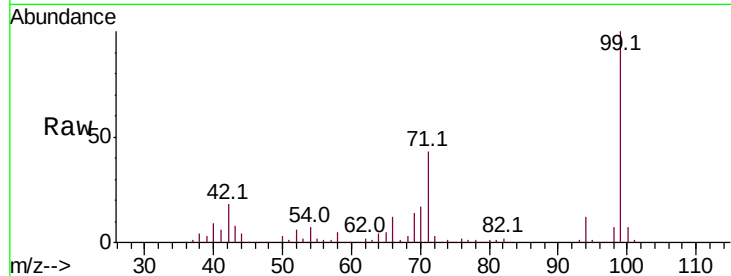
Delta R.T. 0.01 min

Lab File: BF117185.D

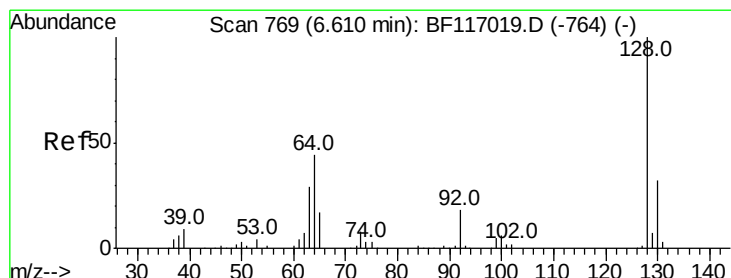
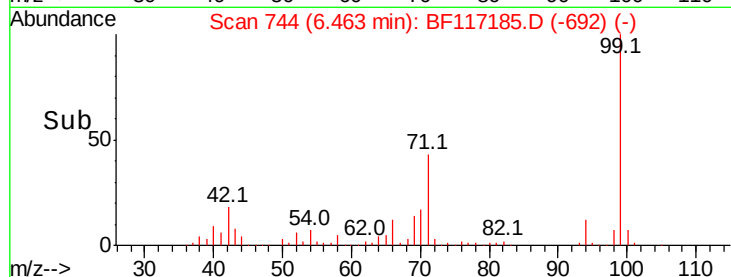
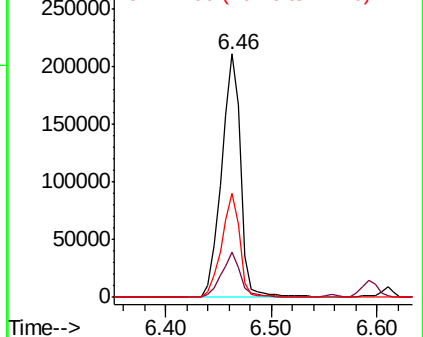
Acq: 20 Sep 2019 13:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:	99	Resp:	265776
Ion	Ratio	Lower	Upper
99	100		
42	18.4	12.2	18.2#
71	42.9	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: 39.984 ng

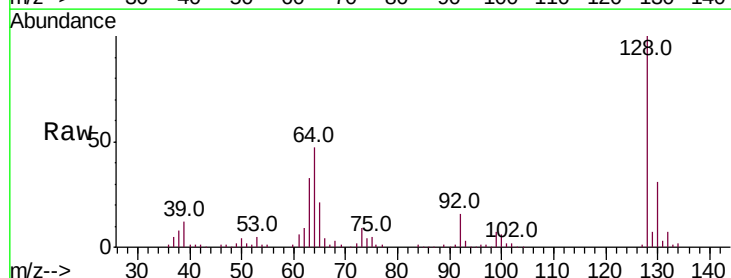
RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

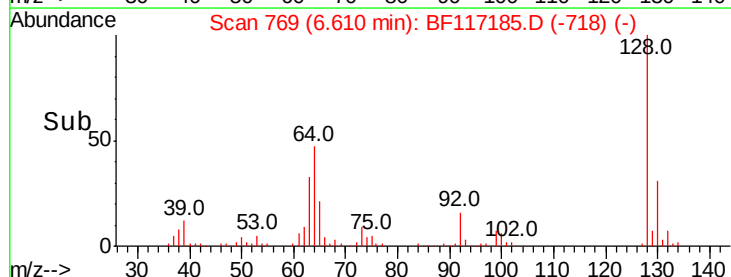
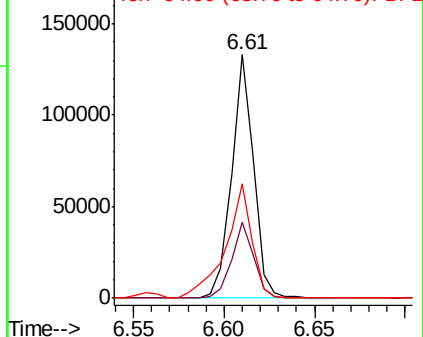
Lab File: BF117185.D

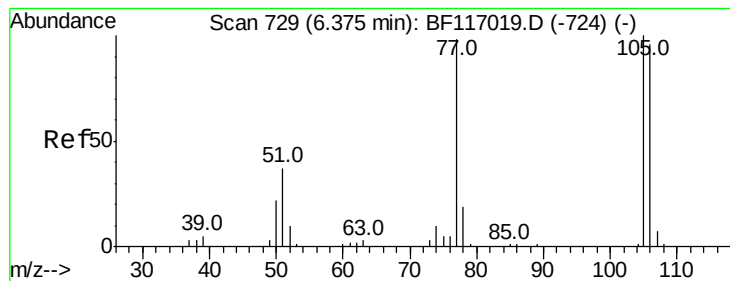
Acq: 20 Sep 2019 13:57

Tgt Ion:	128	Resp:	112610
Ion	Ratio	Lower	Upper
128	100		
130	31.0	11.8	51.8
64	46.8	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: 42.819 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

Instrument :

BNA_F

ClientSampled :

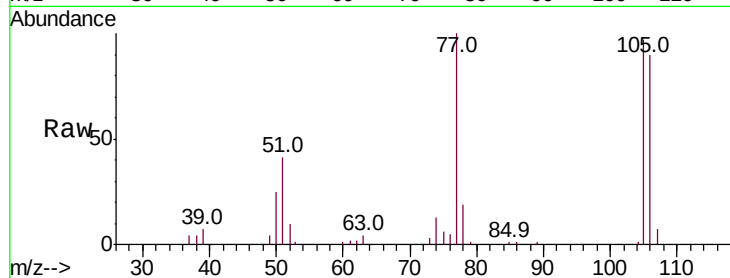
Tot Ion: 77 Resp: 71064

Ion Ratio Lower Upper

77 100

105 96.7 81.8 121.8

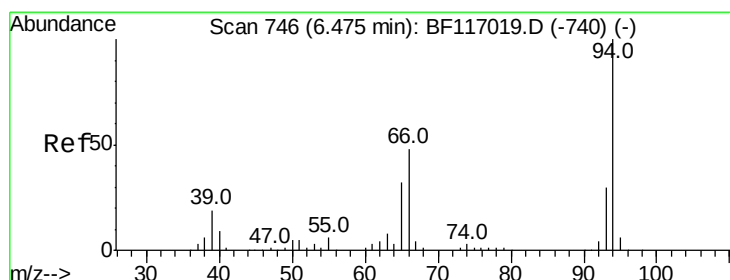
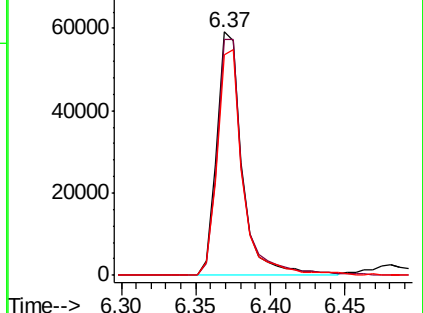
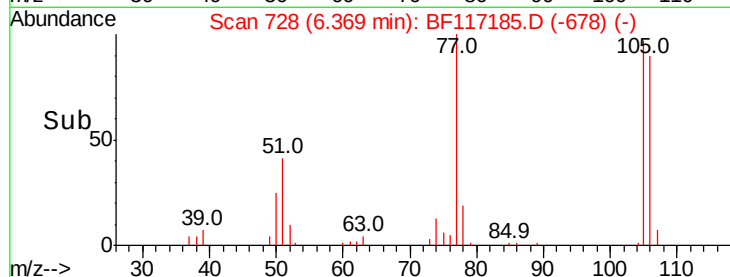
106 90.4 77.3 117.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.687 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

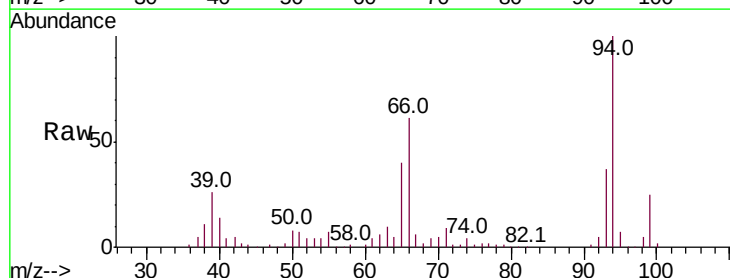
Tgt Ion: 94 Resp: 143893

Ion Ratio Lower Upper

94 100

65 39.7 12.5 52.5

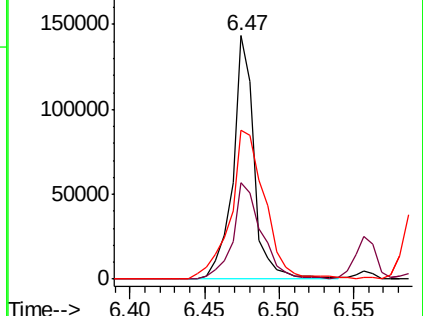
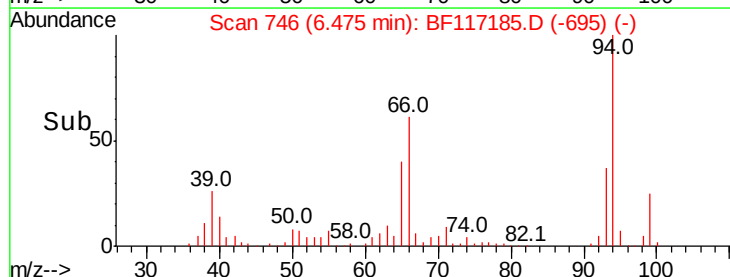
66 61.0 28.9 68.9

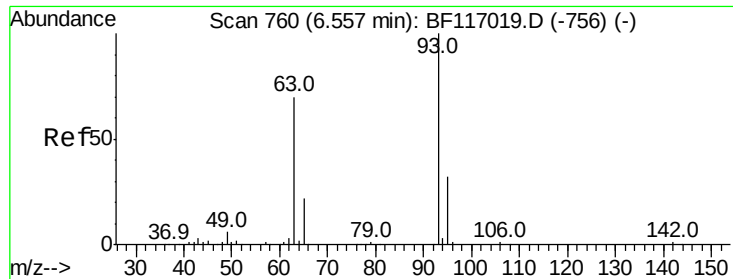


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

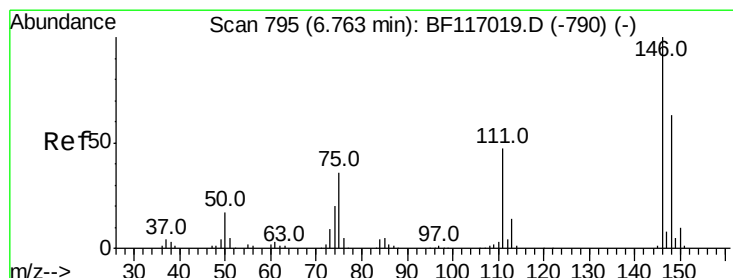
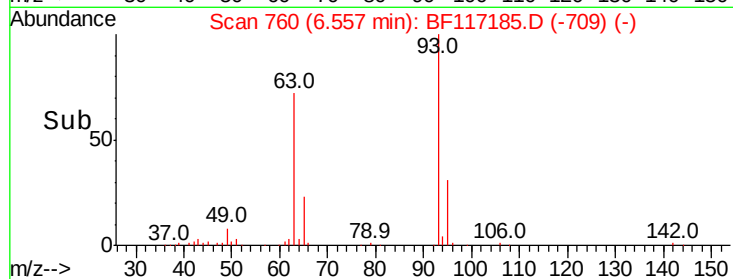
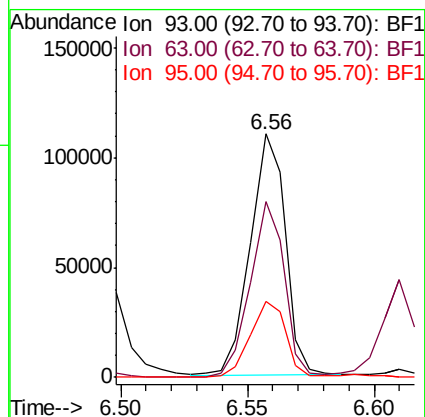
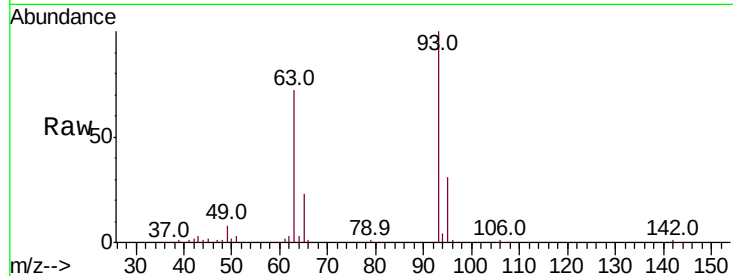




#11
 bis(2-Chloroethyl)ether
 Concen: 39.164 ng
 RT: 6.56 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF117185.D
 Acq: 20 Sep 2019 13:57

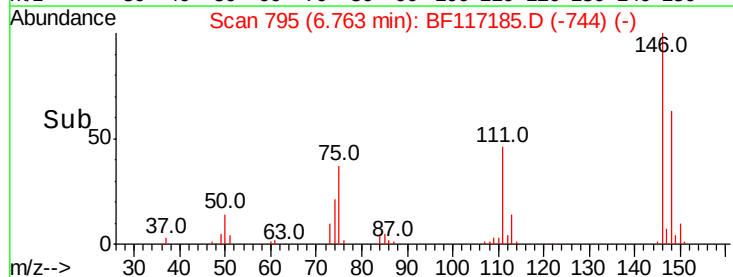
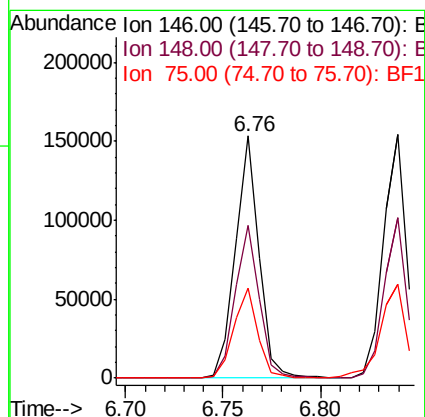
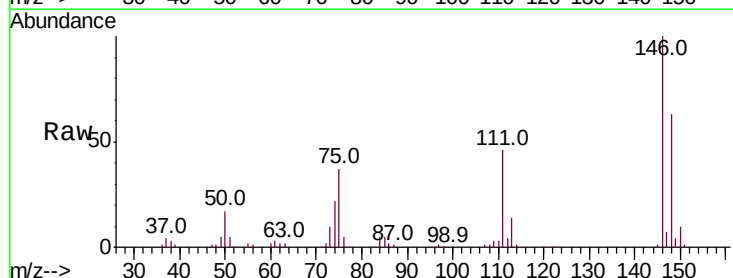
Instrument :
 BNA_F
 ClientSampled :

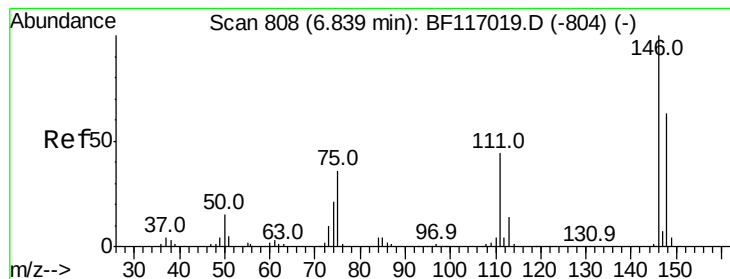
Tot Ion: 93 Resp: 107062
 Ion Ratio Lower Upper
 93 100
 63 72.4 49.3 89.3
 95 31.0 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 40.831 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF117185.D
 Acq: 20 Sep 2019 13:57

Tgt Ion: 146 Resp: 129041
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.8 76.2
 75 37.0 28.7 43.1





#13

1,4-Dichlorobenzene

Concen: 40.967 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

Instrument :

BNA_F

ClientSampleId :

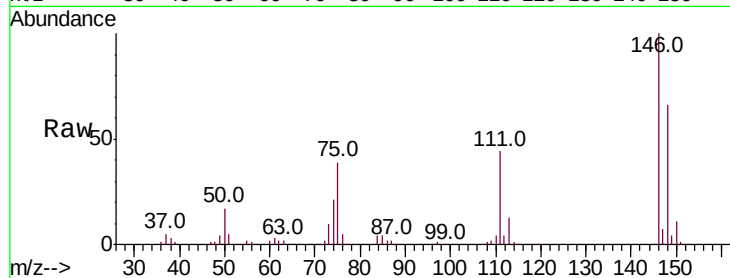
Tot Ion:146 Resp: 132126

Ion Ratio Lower Upper

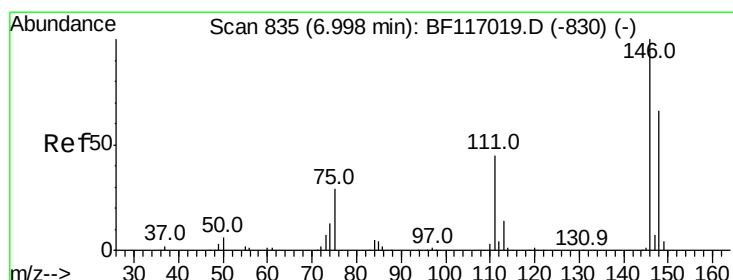
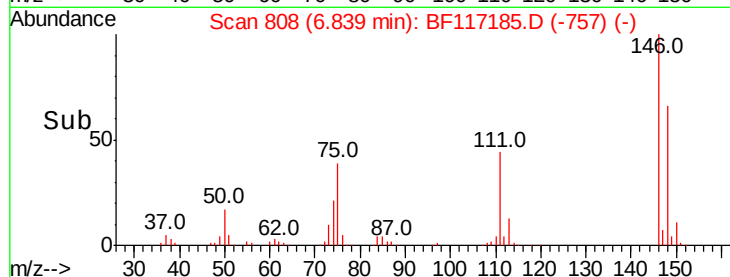
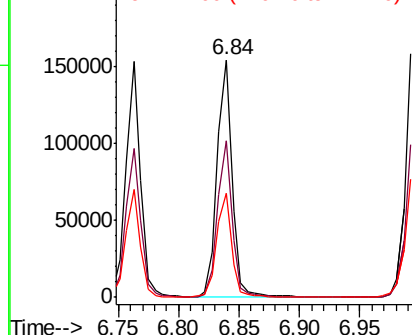
146 100

148 65.7 50.6 76.0

111 44.0 35.0 52.6



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



#14

1,2-Dichlorobenzene

Concen: 41.865 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

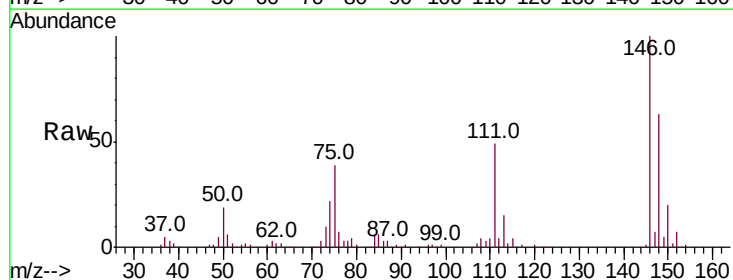
Tgt Ion:146 Resp: 125713

Ion Ratio Lower Upper

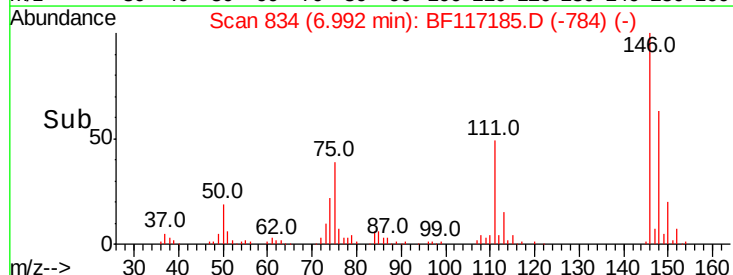
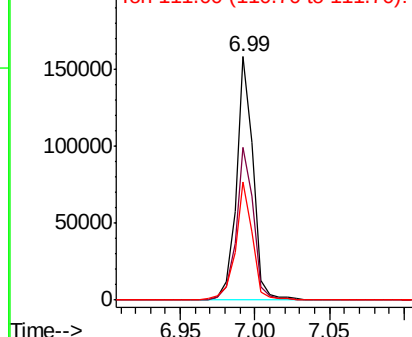
146 100

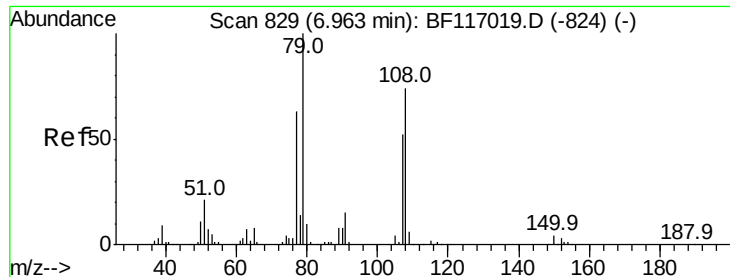
148 62.7 52.6 78.8

111 48.7 36.2 54.2



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

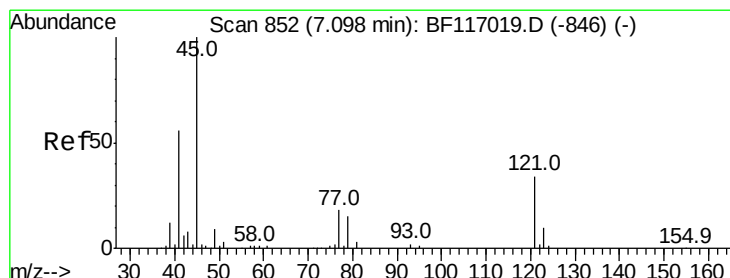
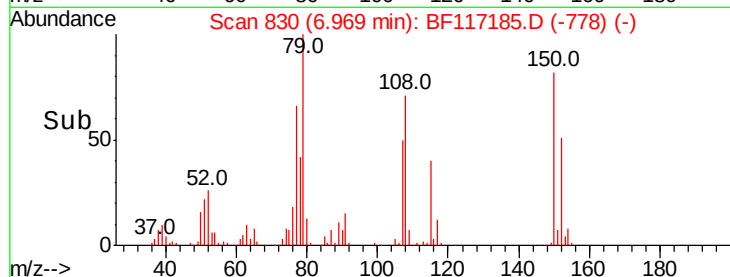
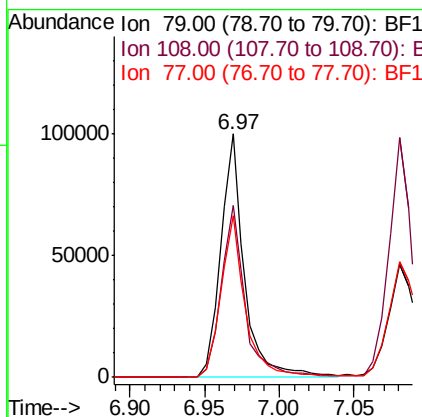
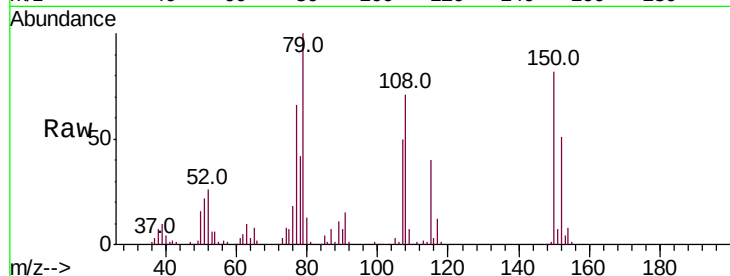




#15
Benzyl Alcohol
Concen: 42.841 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

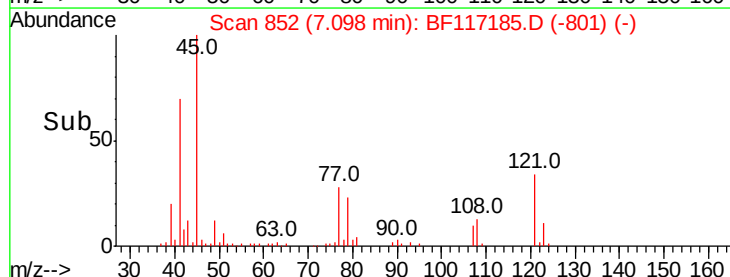
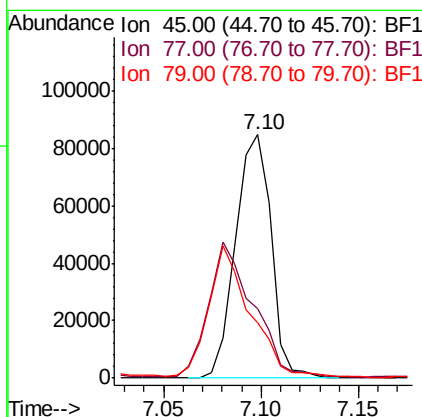
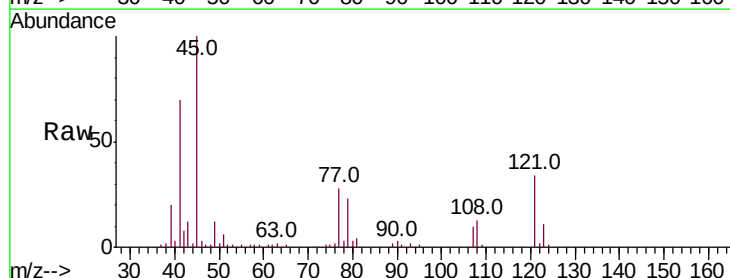
Instrument :
BNA_F
ClientSampleId :

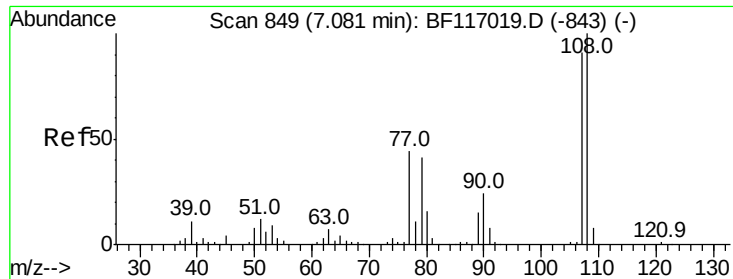
Tot Ion: 79 Resp: 110842
Ion Ratio Lower Upper
79 100
108 70.8 59.4 89.0
77 66.5 50.2 75.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.617 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Tgt Ion: 45 Resp: 106998
Ion Ratio Lower Upper
45 100
77 28.4 2.7 42.7
79 22.6 0.0 38.9

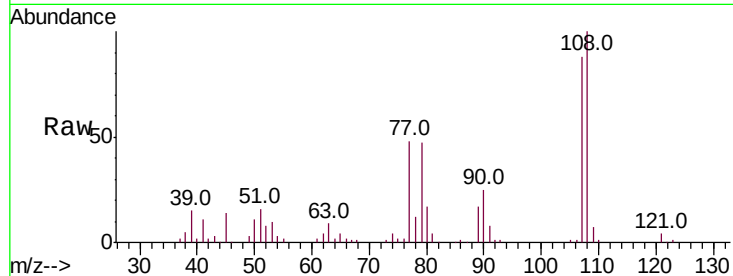




#17
2-Methylphenol
Concen: 40.081 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	87.7	131.5
77	54.8	38.6	58.0
79	53.3	36.8	55.2



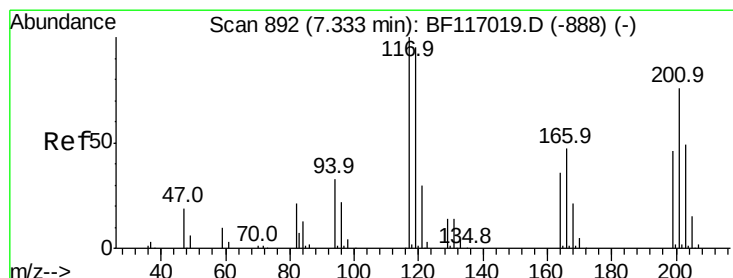
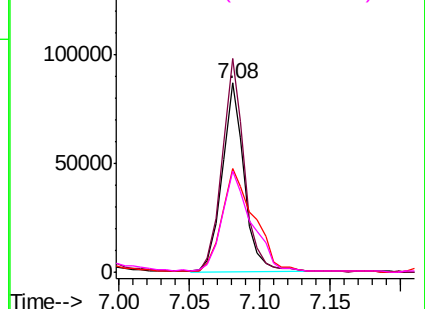
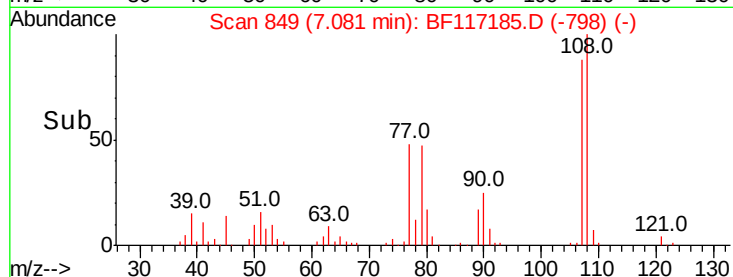
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

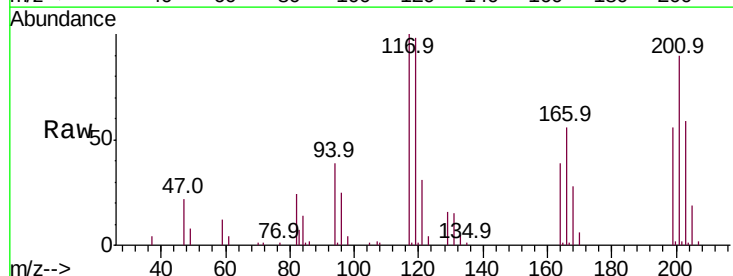
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.222 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.8	113.8
201	89.8	60.9	91.3

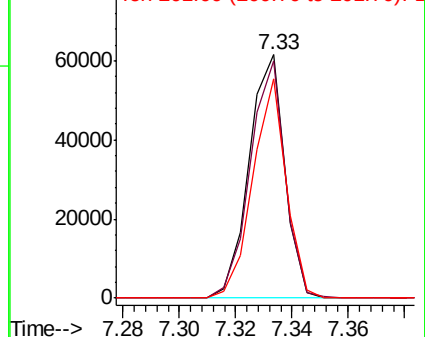
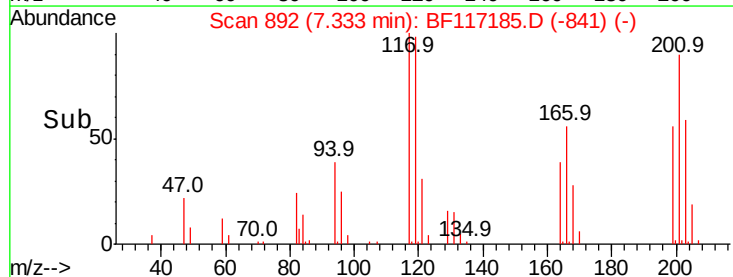


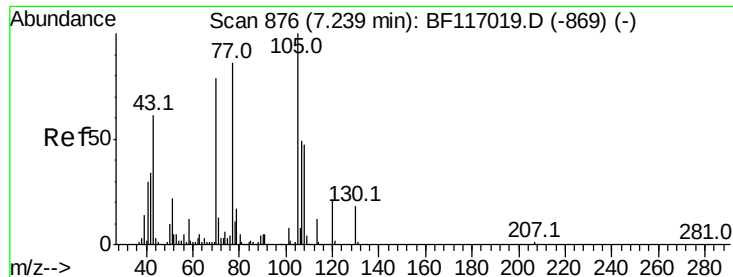
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

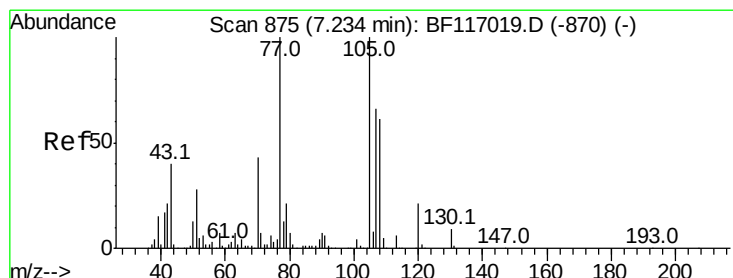
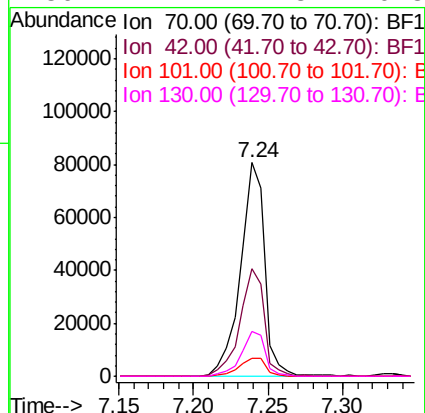
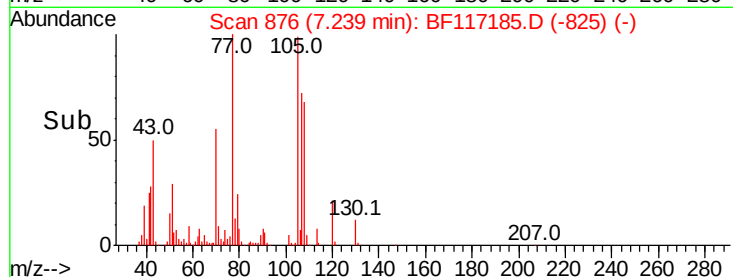
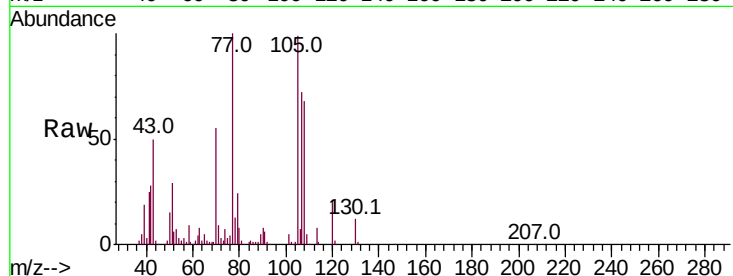




#19
n-Nitroso-di-n-propylamine
Concen: 44.413 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

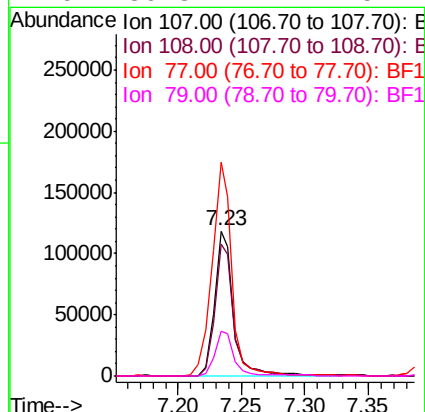
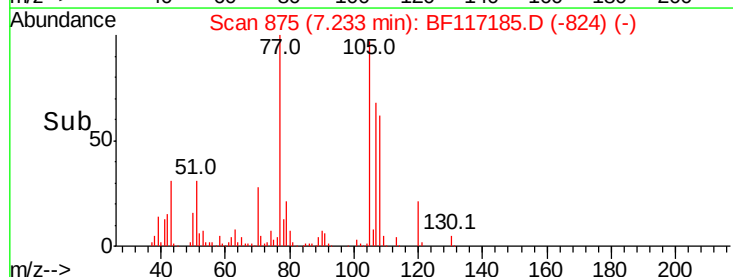
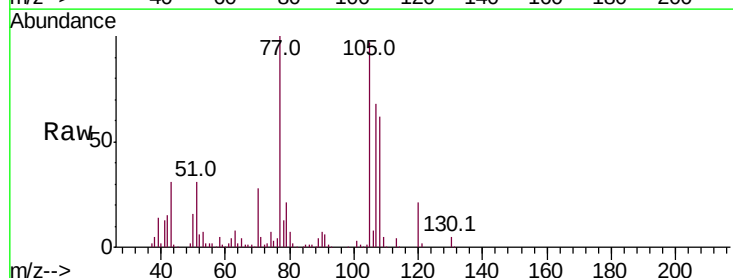
Instrument :
BNA_F
ClientSampleId :

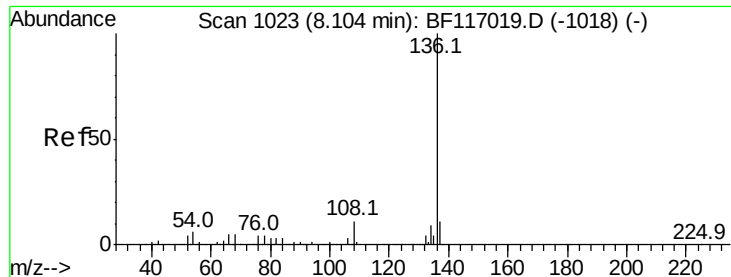
Tot Ion:	70	Resp:	91245
Ion	Ratio	Lower	Upper
70	100		
42	50.6	34.0	51.0
101	8.5	7.8	11.6
130	21.2	17.8	26.8



#20
3+4-Methylphenols
Concen: 42.186 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Tgt Ion:	107	Resp:	124032
Ion	Ratio	Lower	Upper
107	100		
108	90.8	72.6	112.6
77	147.0	132.1	172.1
79	30.8	12.1	52.1

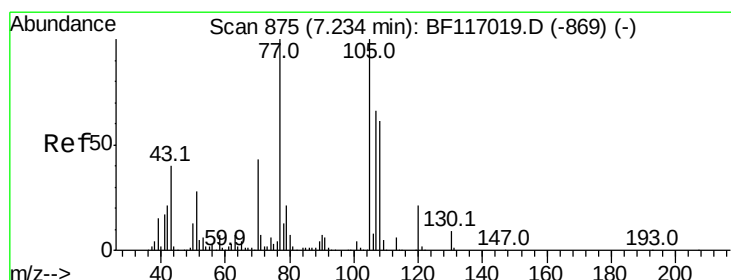
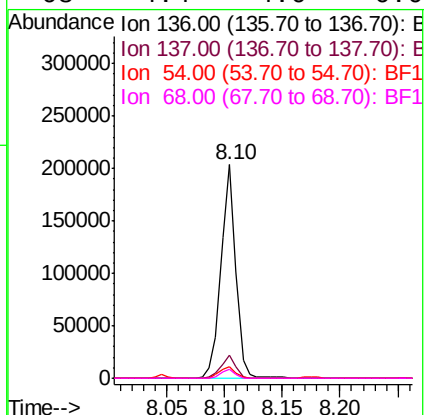
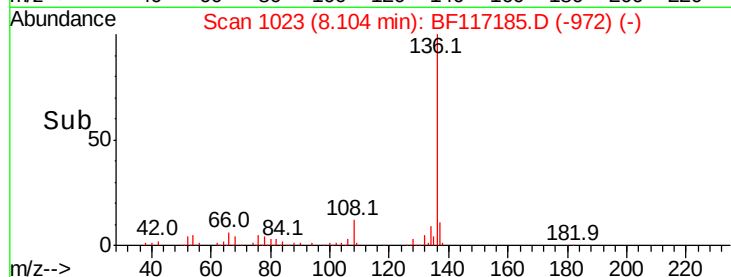
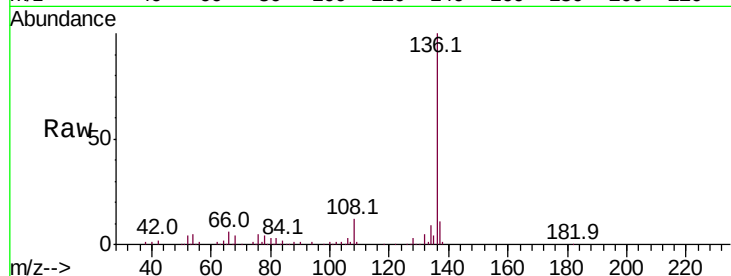




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

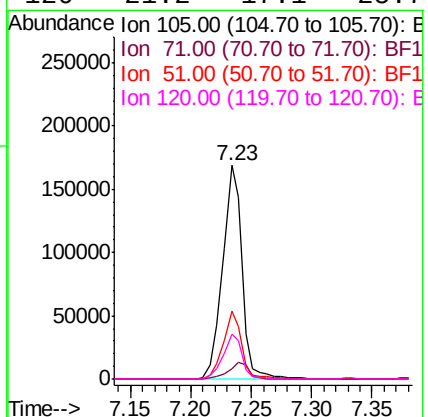
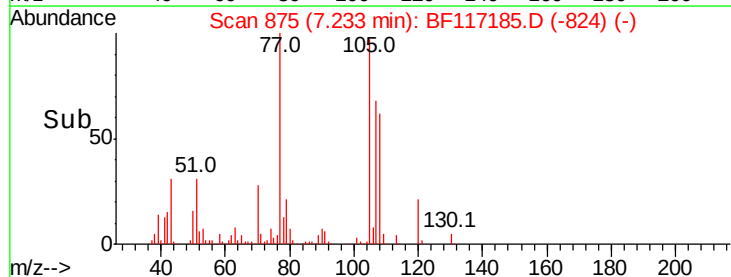
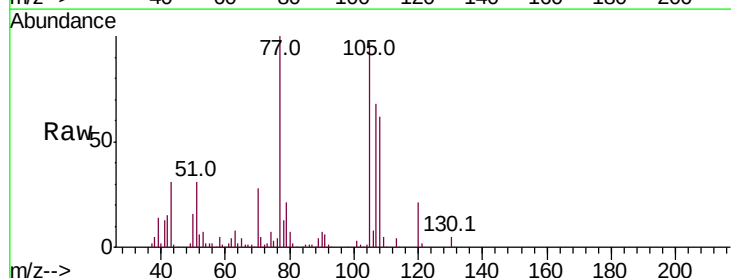
Instrument :
BNA_F
ClientSampleId :

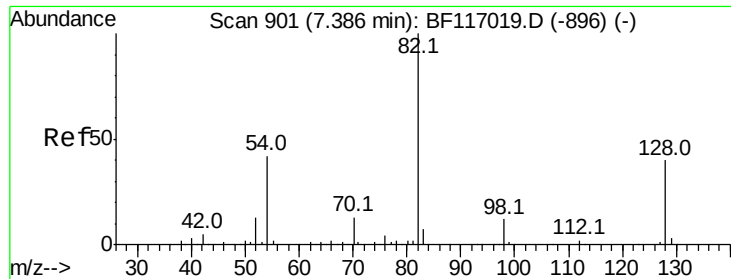
Tot Ion:136	Resp:	183268
Ion Ratio	Lower	Upper
136 100		
137 10.7	9.0	13.4
54 5.4	4.5	6.7
68 4.4	4.0	6.0



#22
Acetophenone
Concen: 40.271 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Tgt	Ion:105	Resp:	187512
Ion	Ratio	Lower	Upper
105	100		
71	4.8	5.7	8.5#
51	31.9	22.1	33.1
120	21.2	17.1	25.7

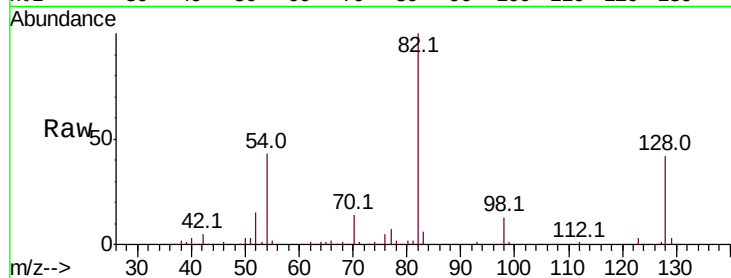




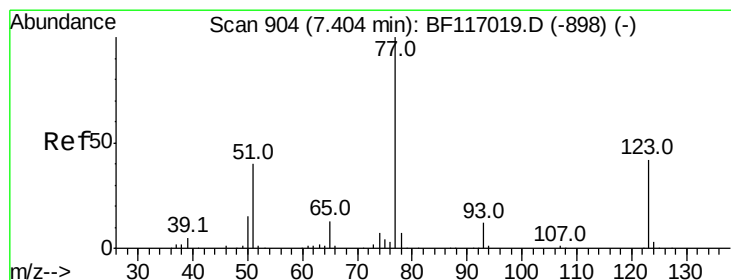
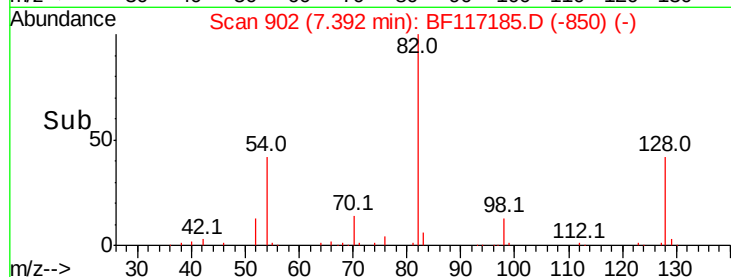
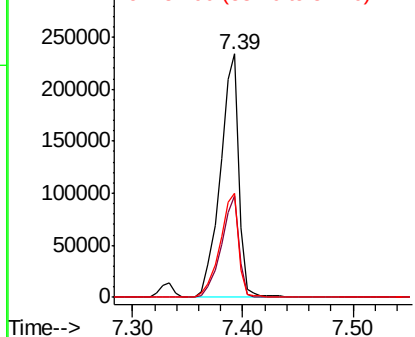
#23
 Nitrobenzene-d5
 Concen: 78.147 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: BF117185.D
 Acq: 20 Sep 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.3	48.5
54	42.5	33.3	49.9

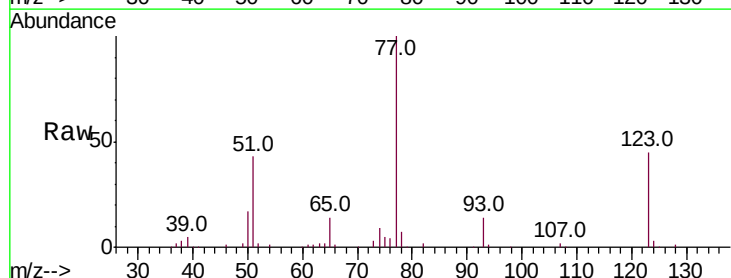


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

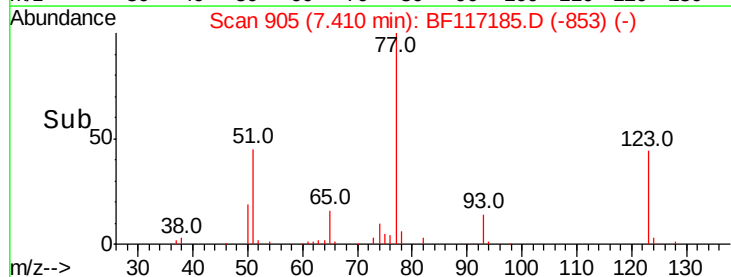
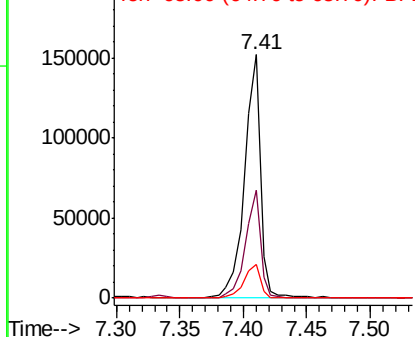


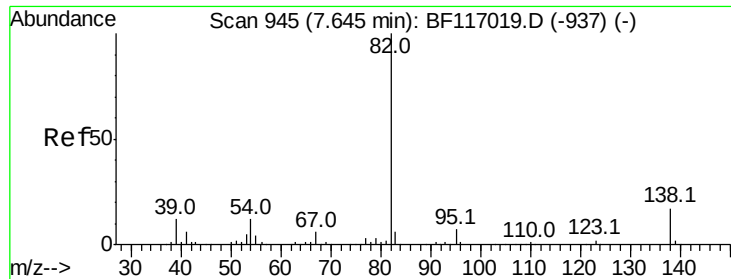
#24
 Nitrobenzene
 Concen: 37.949 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.01 min
 Lab File: BF117185.D
 Acq: 20 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.6	33.5	50.3
65	13.9	10.5	15.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.895 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

Instrument :
BNA_F
ClientSampleId :

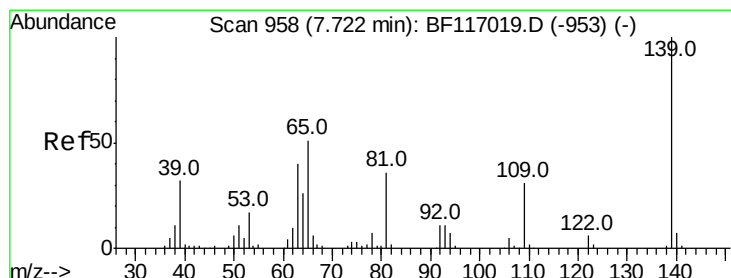
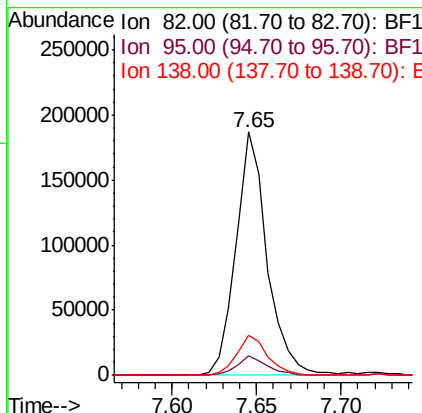
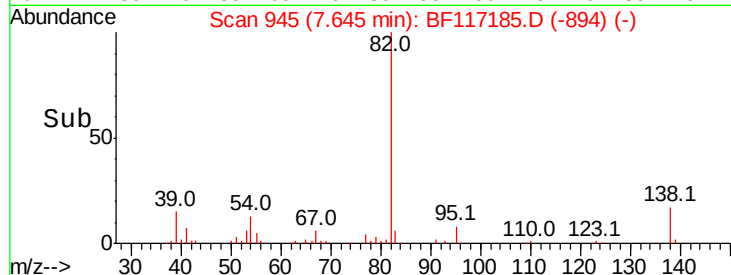
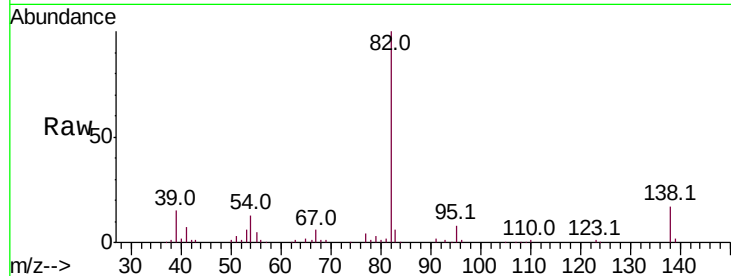
Tot Ion: 82 Resp: 240206

Ion Ratio Lower Upper

82 100

95 7.9 5.8 8.6

138 16.7 13.5 20.3



#26

2-Nitrophenol

Concen: 38.088 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

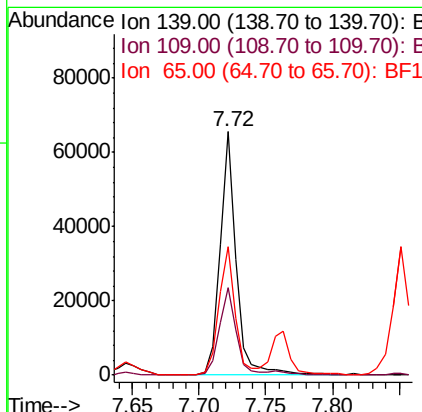
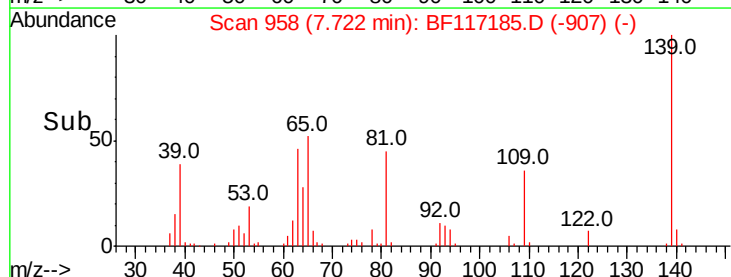
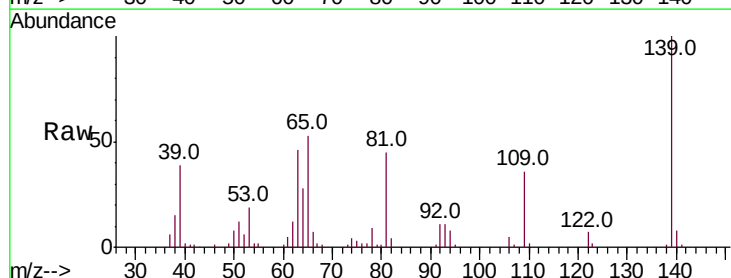
Tgt Ion:139 Resp: 56353

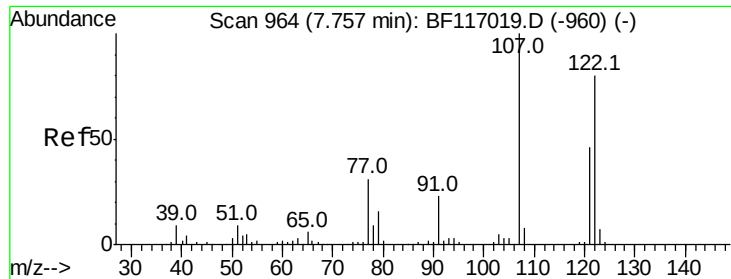
Ion Ratio Lower Upper

139 100

109 35.9 24.6 36.8

65 52.6 40.9 61.3

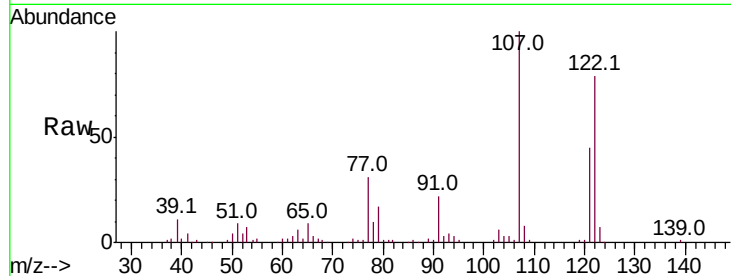




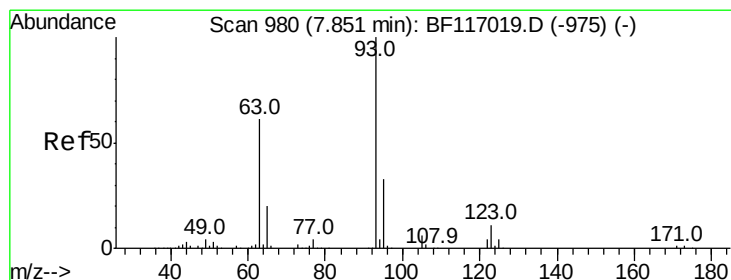
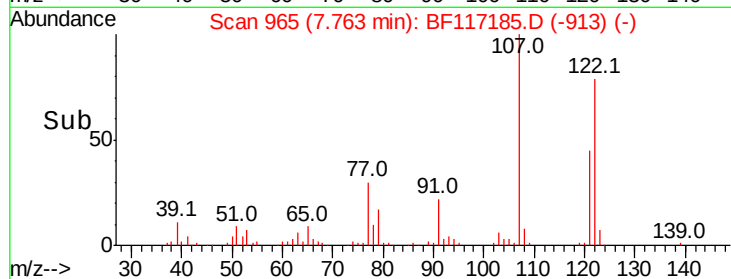
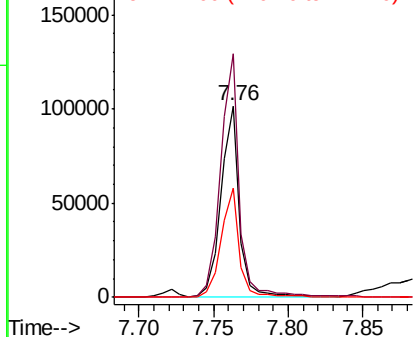
#27
 2,4-Dimethylphenol
 Concen: 37.151 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: BF117185.D
 Acq: 20 Sep 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.0	98.9	148.3
121	57.0	45.3	67.9

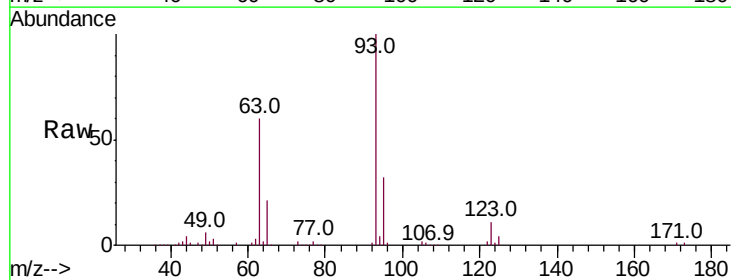


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

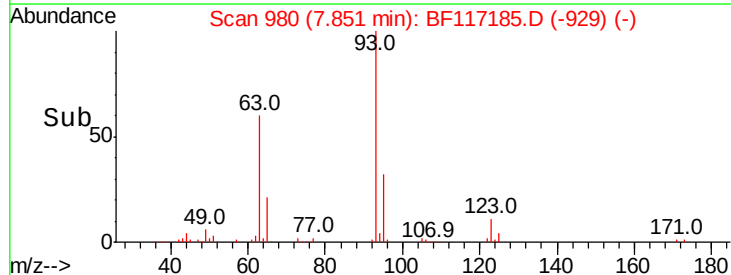
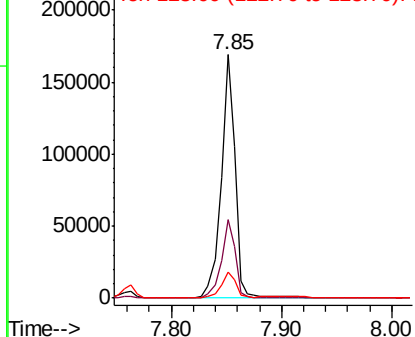


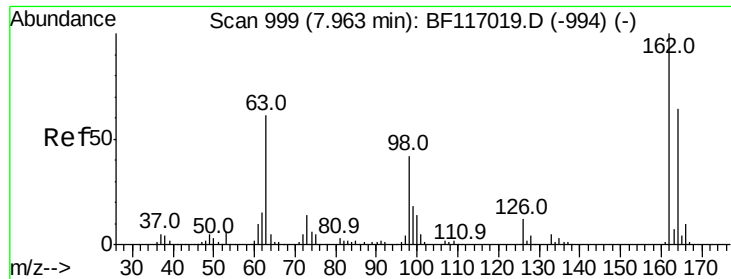
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.101 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BF117185.D
 Acq: 20 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.2	39.4
123	10.6	9.0	13.6



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

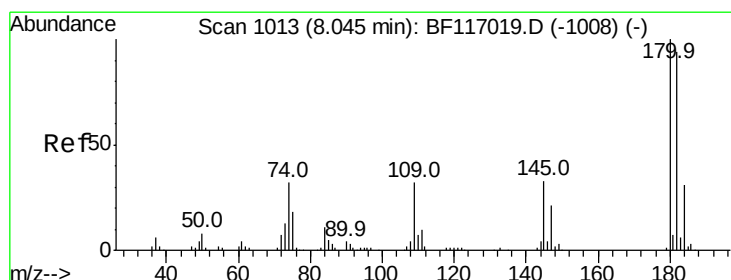
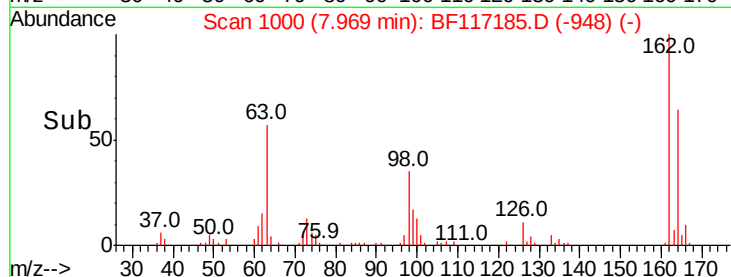
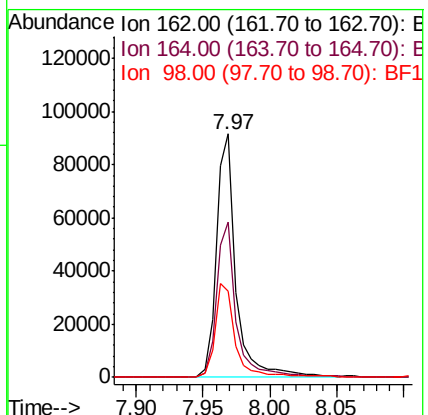
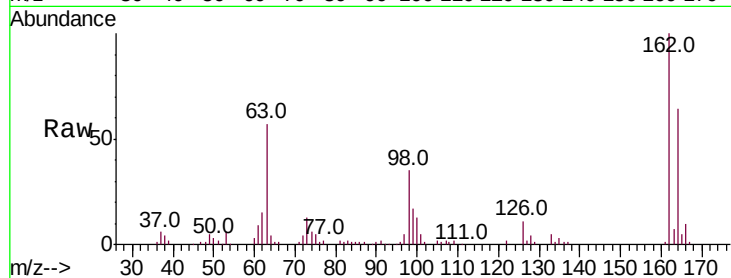




#29
 2,4-Dichlorophenol
 Concen: 38.410 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF117185.D
 Acq: 20 Sep 2019 13:57

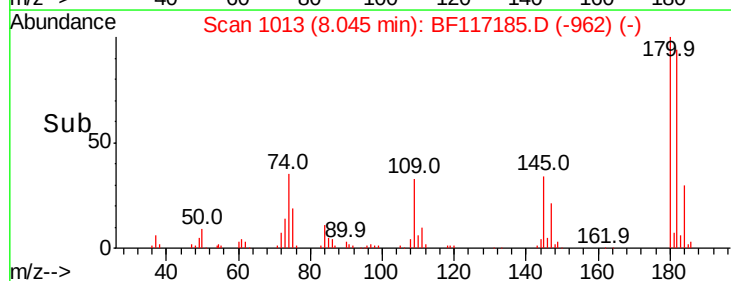
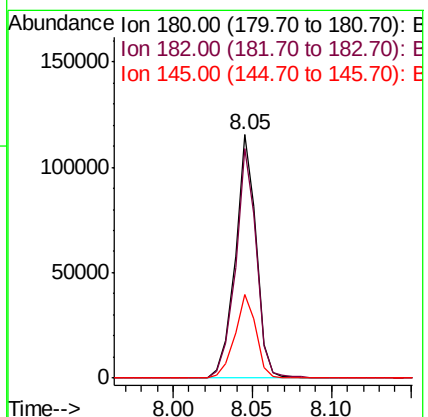
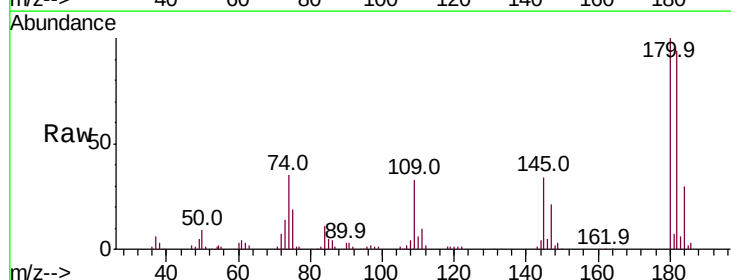
Instrument :
 BNA_F
 ClientSampleId :

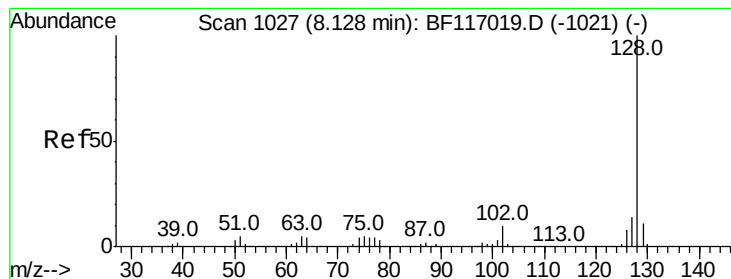
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.8	83.8
98	35.2	22.1	62.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.681 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BF117185.D
 Acq: 20 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.4	113.0
145	34.1	26.7	40.1





#31

Naphthalene

Concen: 38.914 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

Instrument :

BNA_F

ClientSampleId :

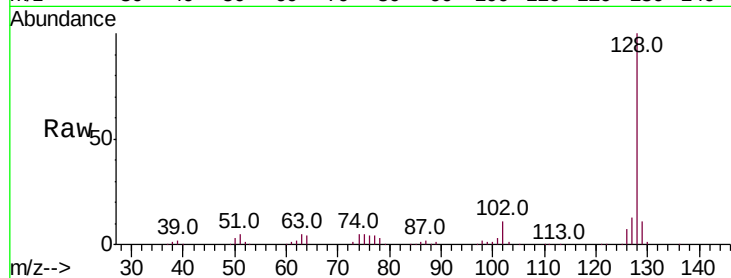
Tot Ion:128 Resp: 342987

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

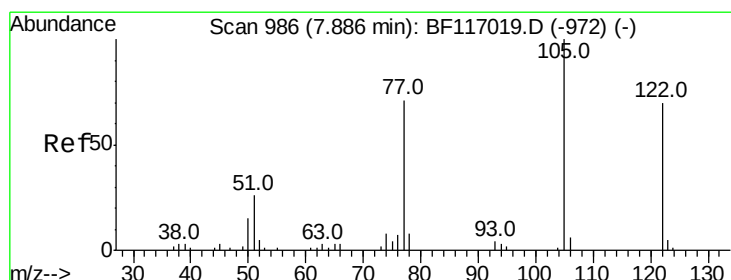
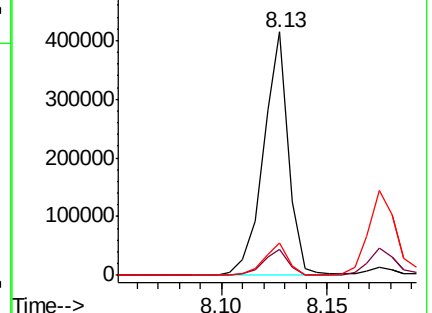
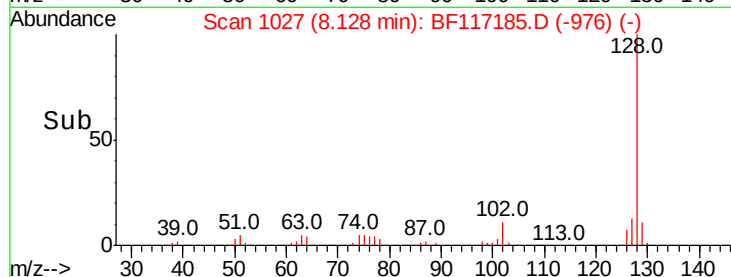
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.134 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.04 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

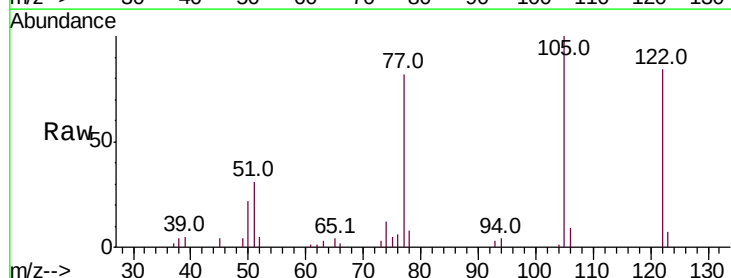
Tgt Ion:122 Resp: 50399

Ion Ratio Lower Upper

122 100

105 118.7 114.8 154.8

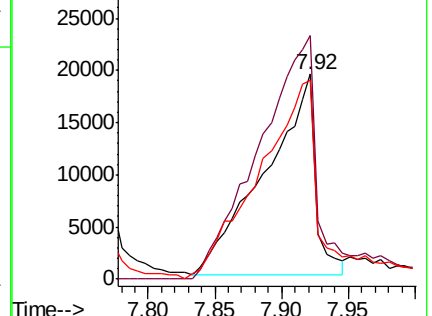
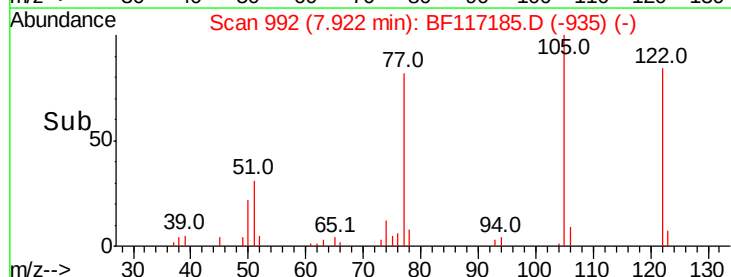
77 97.2 78.7 118.7

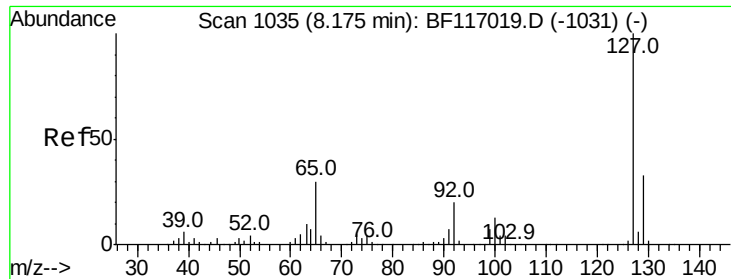


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

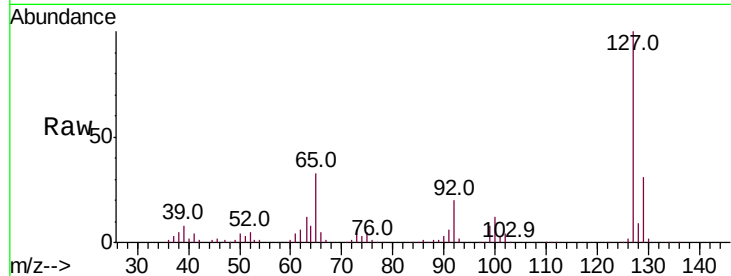




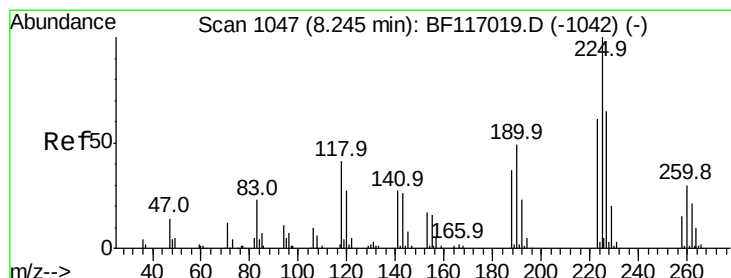
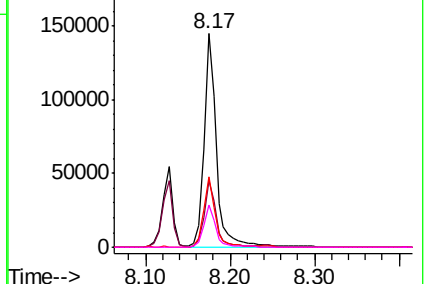
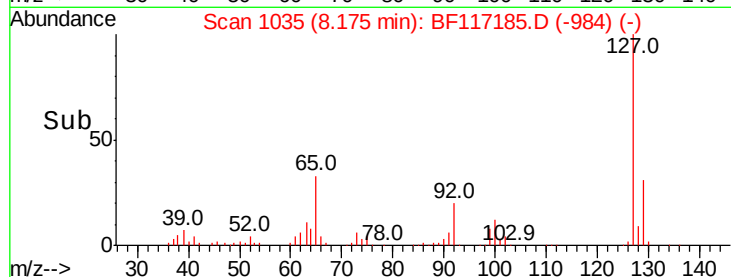
#33
4-Chloroaniline
Concen: 37.541 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	146761
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.2	39.2
65	33.3	23.5	35.3
92	20.0	15.9	23.9

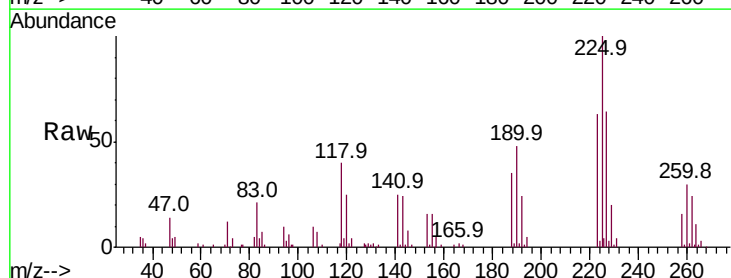


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

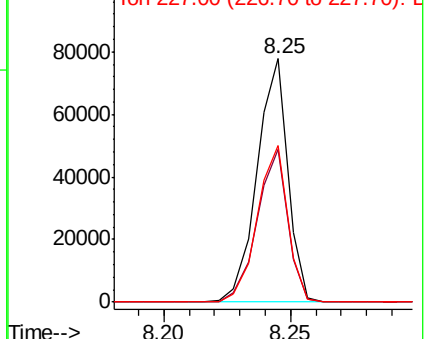
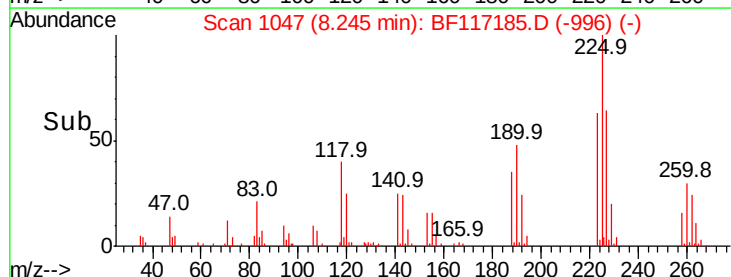


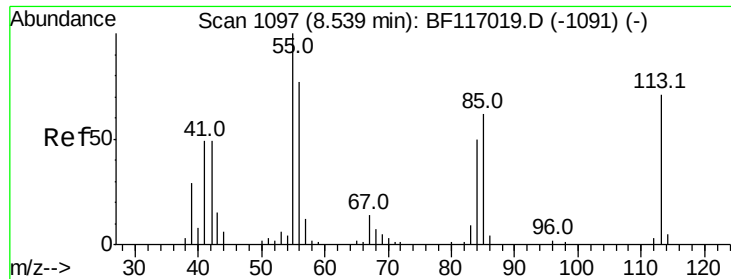
#34
Hexachlorobutadiene
Concen: 43.735 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Tgt Ion:	225	Resp:	65905
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.1	73.7
227	64.1	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

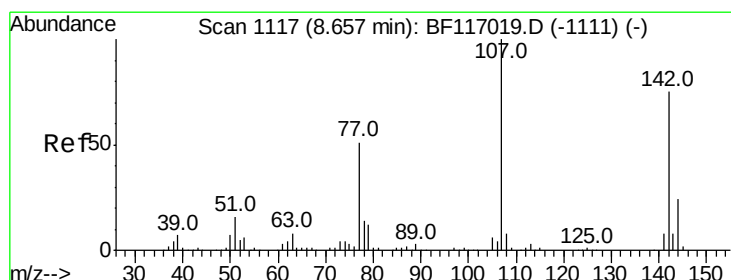
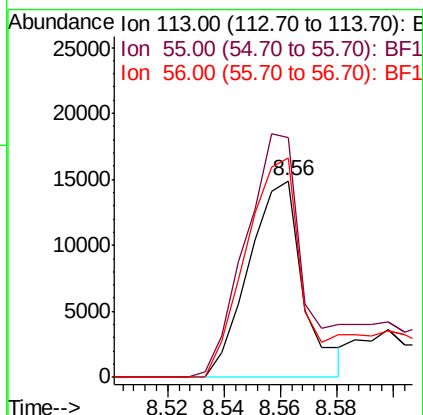
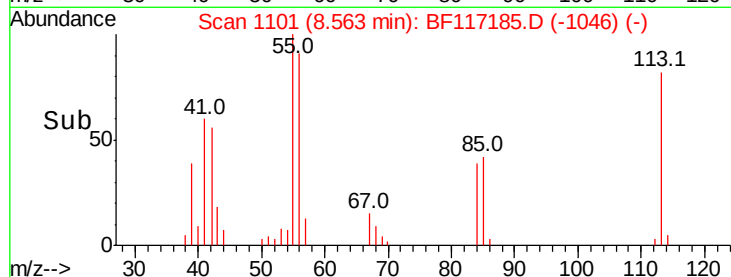
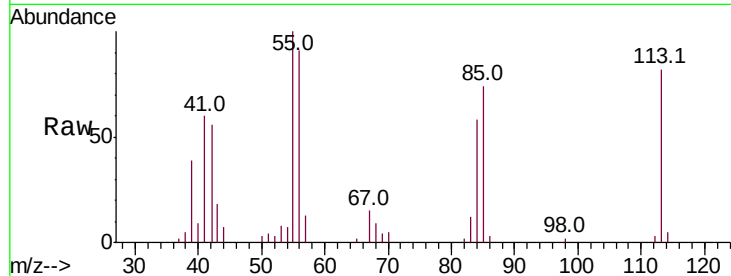




#35
Caprolactam
Concen: 23.964 ng
RT: 8.56 min Scan# 1101
Delta R.T. 0.02 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

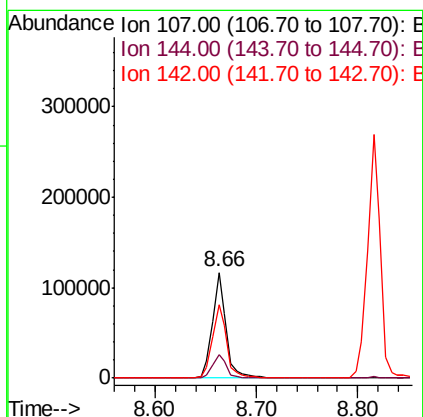
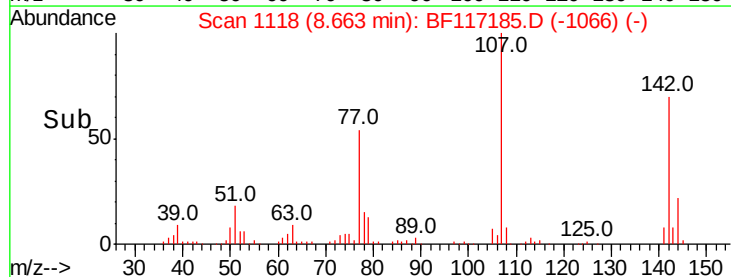
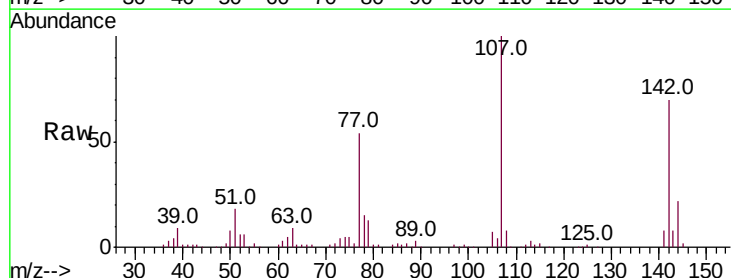
Instrument :
BNA_F
ClientSampleId :

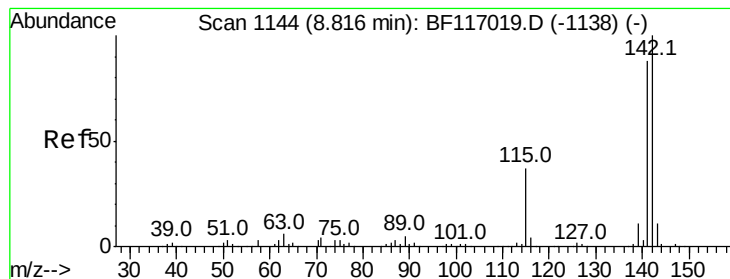
Tot Ion:113 Resp: 19941
Ion Ratio Lower Upper
113 100
55 121.9 120.6 160.6
56 111.5 88.8 128.8



#36
4-Chloro-3-methylphenol
Concen: 38.585 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Tgt Ion:107 Resp: 110609
Ion Ratio Lower Upper
107 100
144 22.0 19.2 28.8
142 69.8 59.6 89.4





#37

2-Methylnaphthalene

Concen: 40.379 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

Instrument :

BNA_F

ClientSampleId :

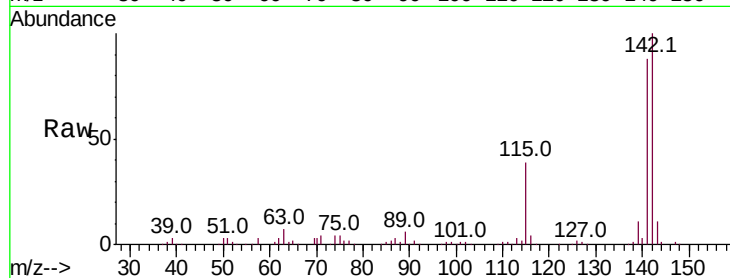
Tot Ion:142 Resp: 239665

Ion Ratio Lower Upper

142 100

141 88.4 70.7 106.1

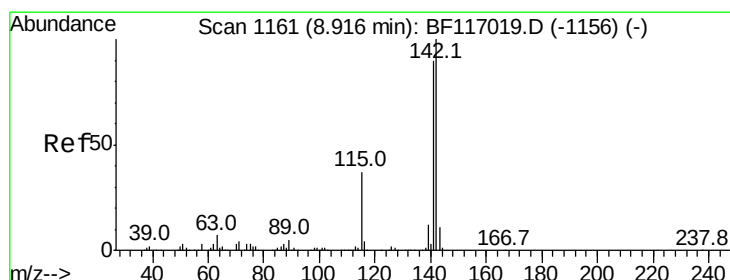
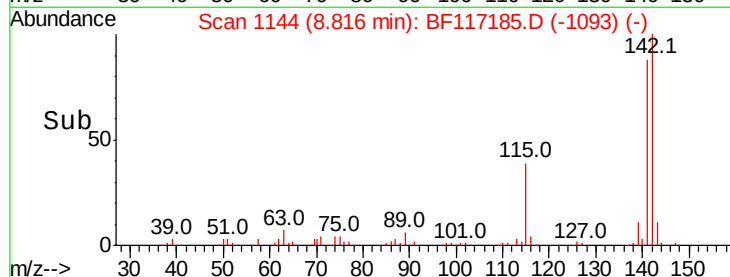
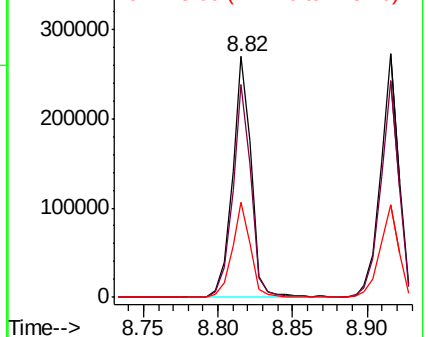
115 39.3 29.4 44.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.410 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

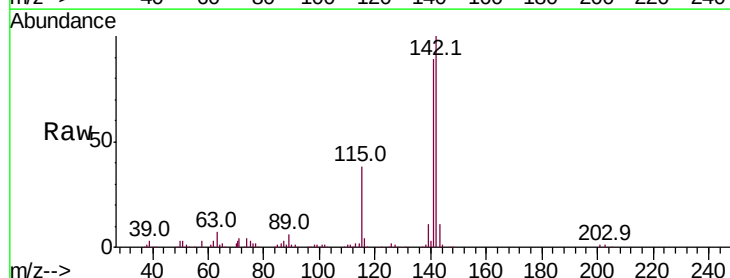
Tgt Ion:142 Resp: 224638

Ion Ratio Lower Upper

142 100

141 89.0 71.9 107.9

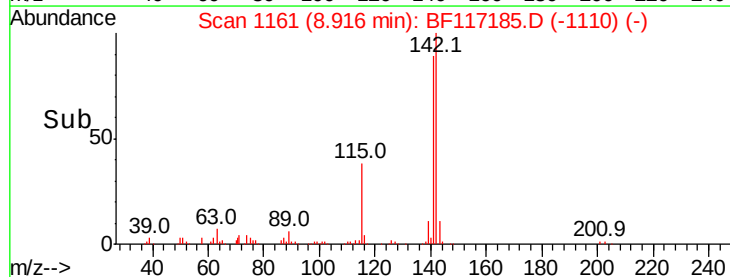
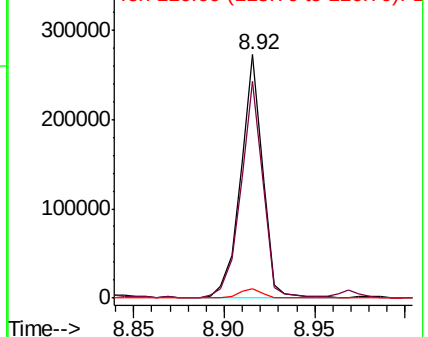
116 4.1 3.2 4.8

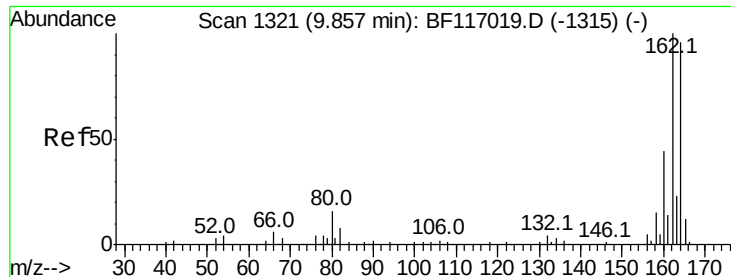


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

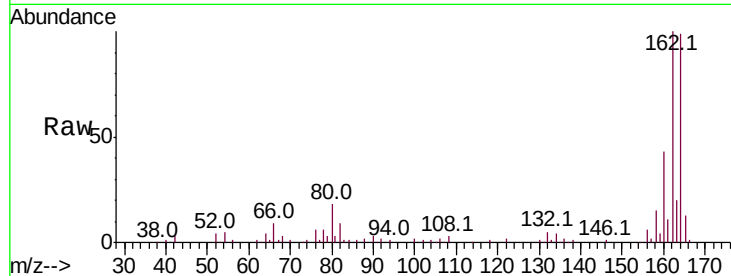




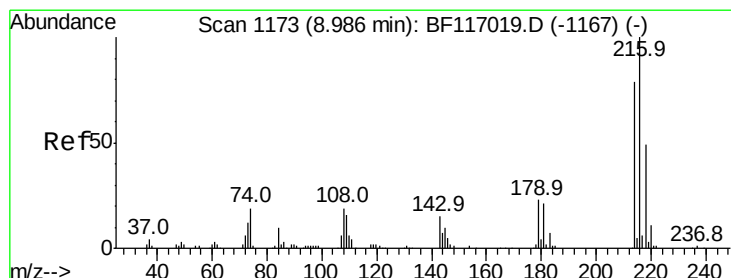
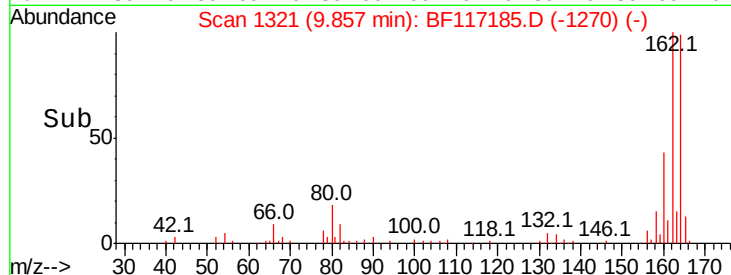
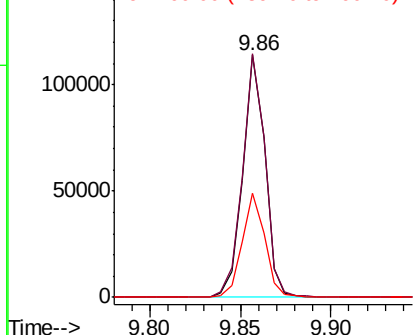
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 97578
Ion Ratio Lower Upper
164 100
162 100.5 83.4 125.2
160 42.9 36.4 54.6

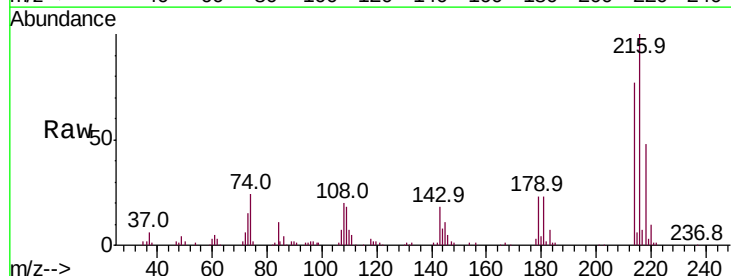


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

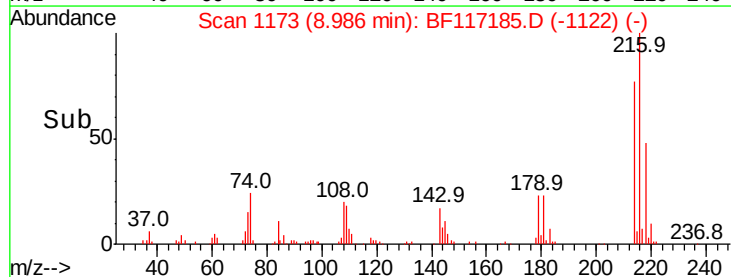
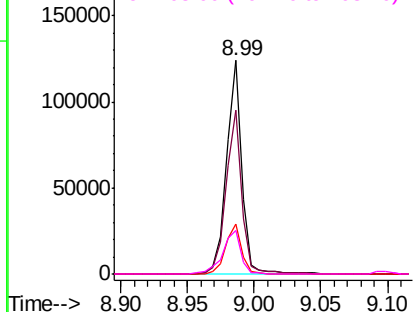


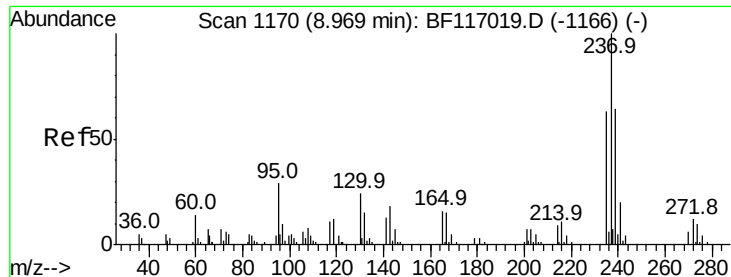
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.104 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Tgt Ion:216 Resp: 101051
Ion Ratio Lower Upper
216 100
214 78.4 63.6 95.4
179 24.4 18.3 27.5
108 24.2 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: 42.925 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

Instrument :

BNA_F

ClientSampleId :

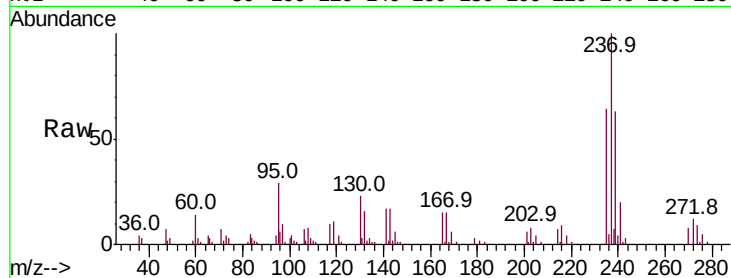
Tot Ion:237 Resp: 43318

Ion Ratio Lower Upper

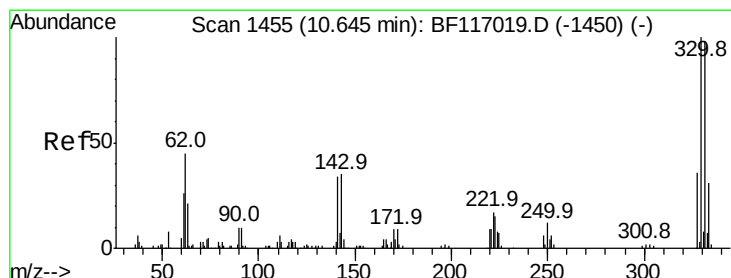
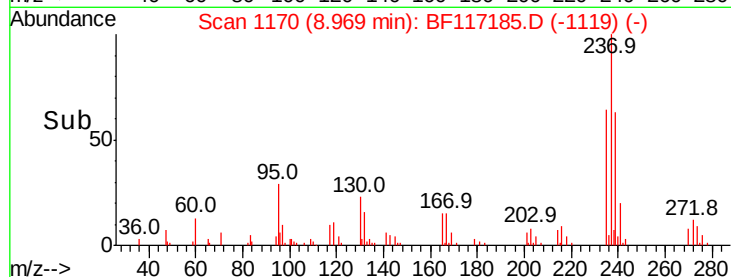
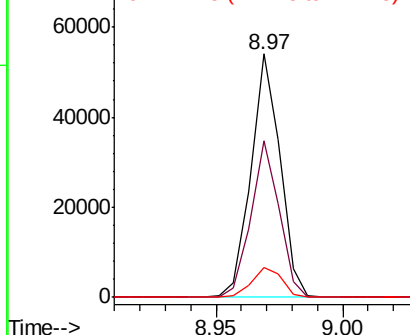
237 100

235 64.1 43.2 83.2

272 12.0 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: 85.503 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

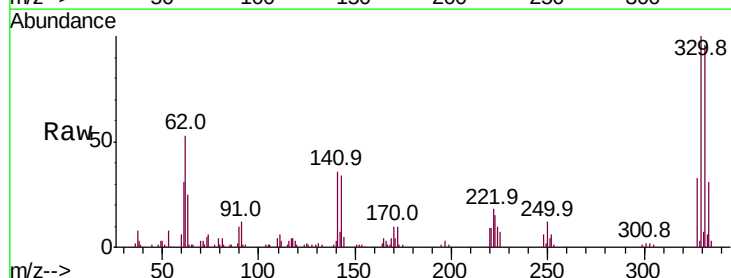
Tgt Ion:330 Resp: 69730

Ion Ratio Lower Upper

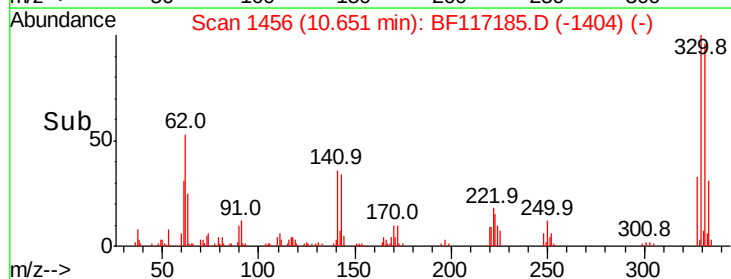
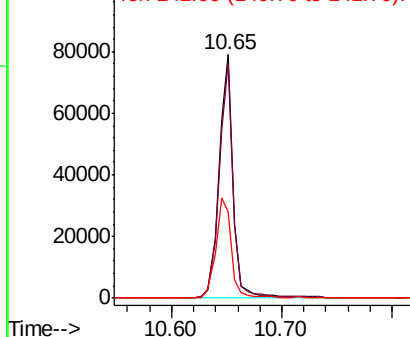
330 100

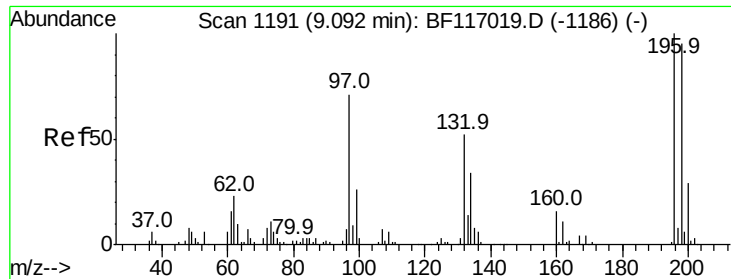
332 95.6 78.0 117.0

141 45.0 35.8 53.6



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

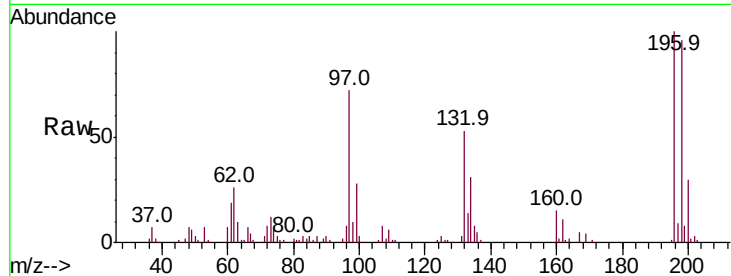




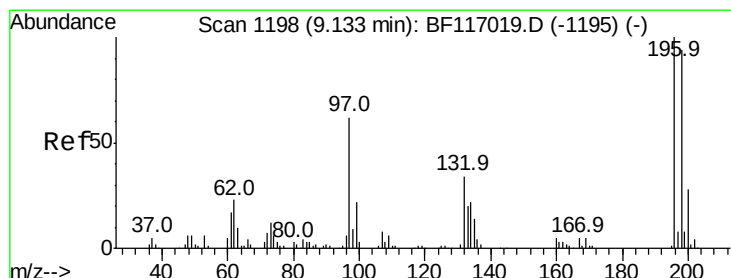
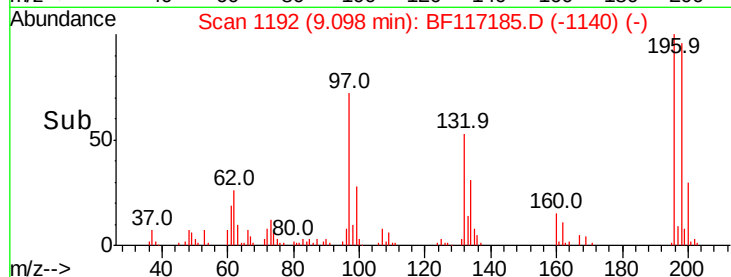
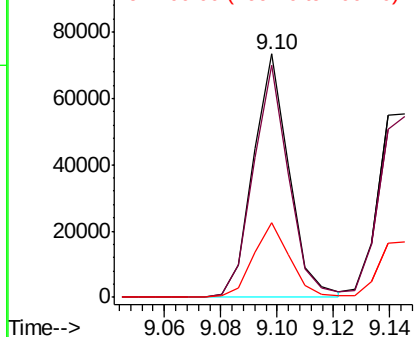
#43
 2,4,6-Trichlorophenol
 Concen: 37.731 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117185.D
 Acq: 20 Sep 2019 13:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 64519
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.7 113.5
 200 30.4 23.3 34.9

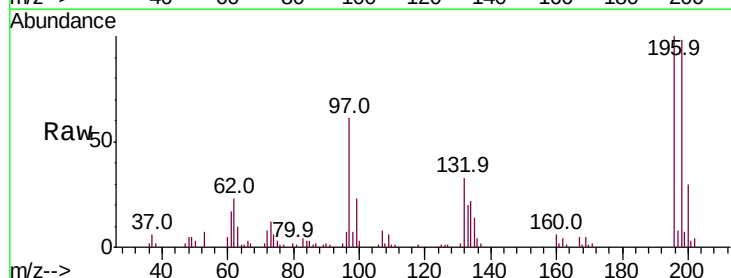


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

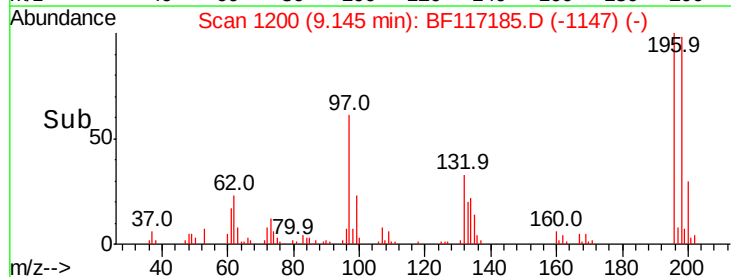
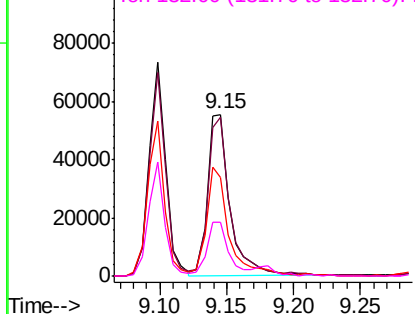


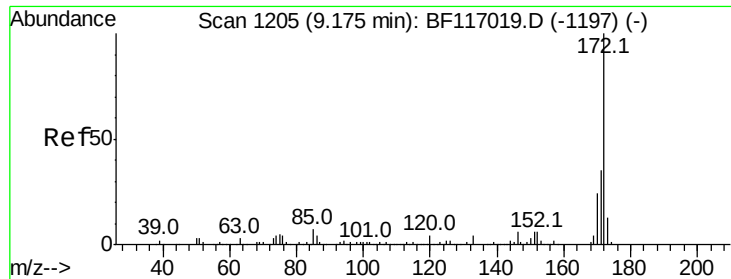
#44
 2,4,5-Trichlorophenol
 Concen: 36.075 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117185.D
 Acq: 20 Sep 2019 13:57

Tgt Ion:196 Resp: 65907
 Ion Ratio Lower Upper
 196 100
 198 98.2 74.6 112.0
 97 61.3 49.5 74.3
 132 33.0 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

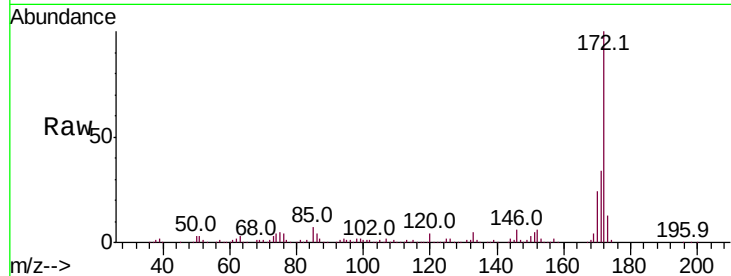




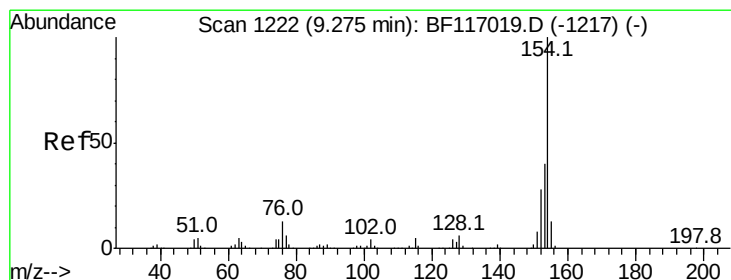
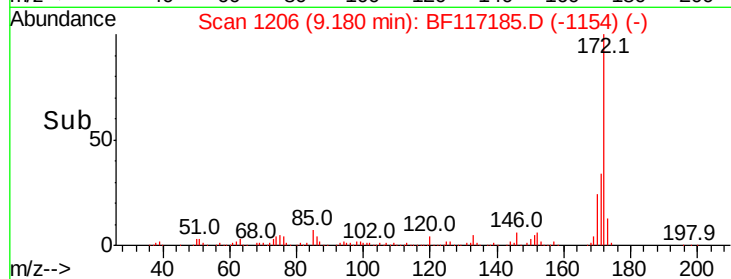
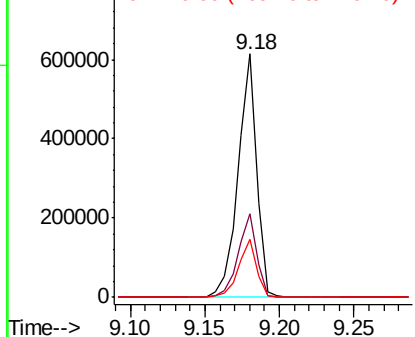
#45
2-Fluorobiphenyl
Concen: 86.082 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 537214
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.2
170 23.7 18.9 28.3

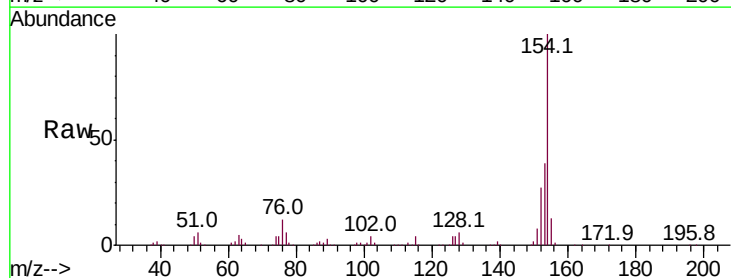


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

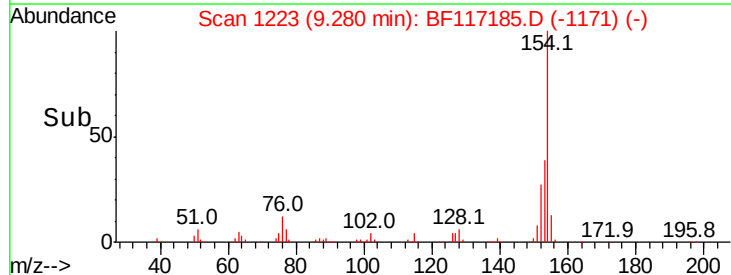
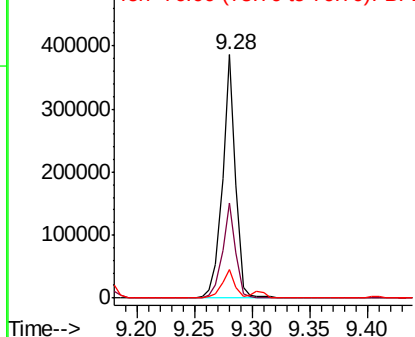


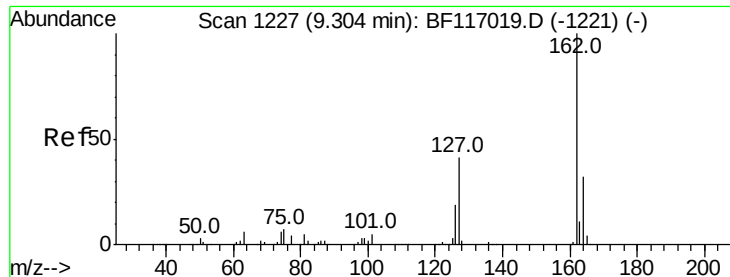
#46
1,1'-Biphenyl
Concen: 39.622 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Tgt Ion:154 Resp: 303265
Ion Ratio Lower Upper
154 100
153 39.3 20.0 60.0
76 11.5 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

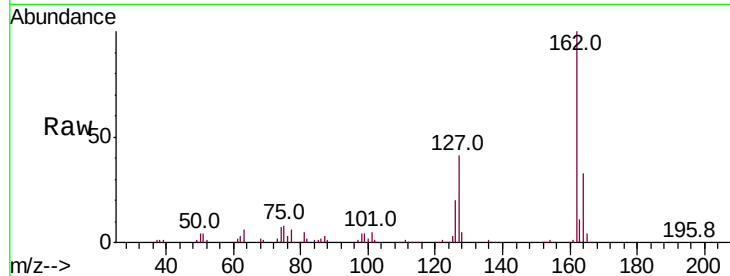




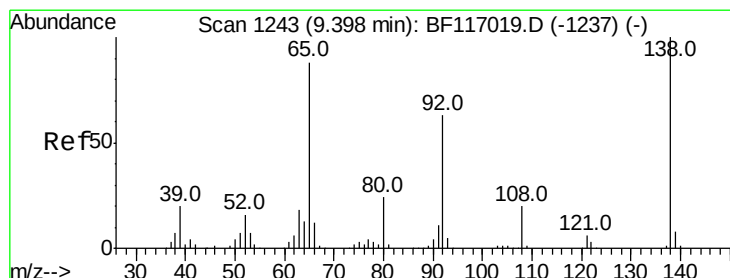
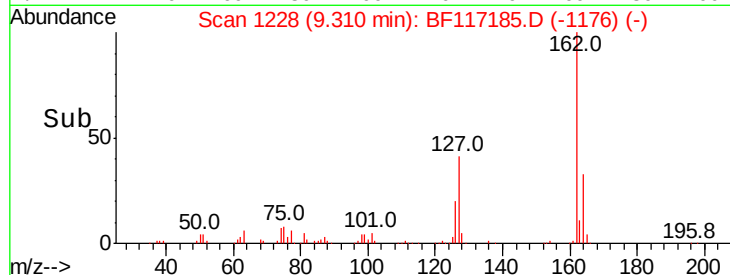
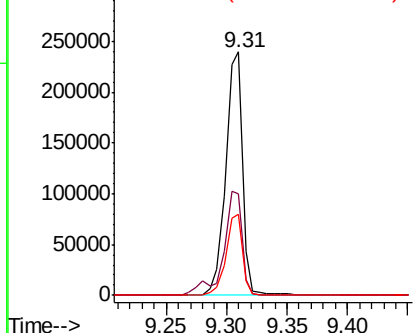
#47
2-Chloronaphthalene
Concen: 38.283 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	34.1	51.1
164	33.1	25.9	38.9

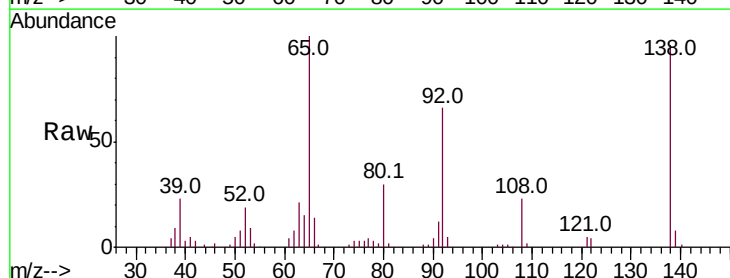


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

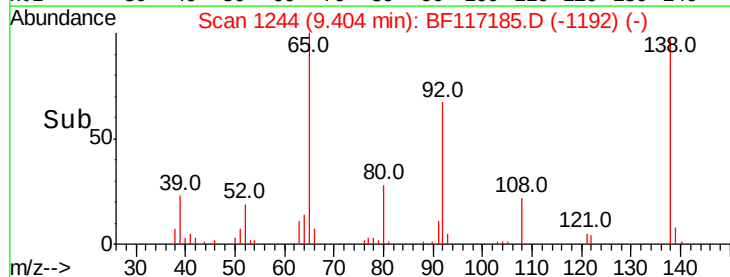
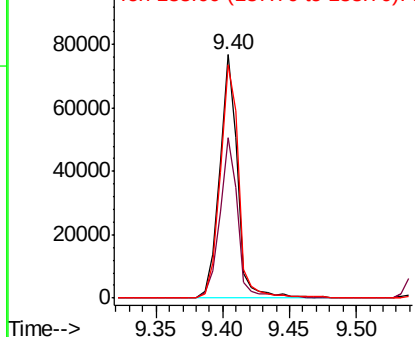


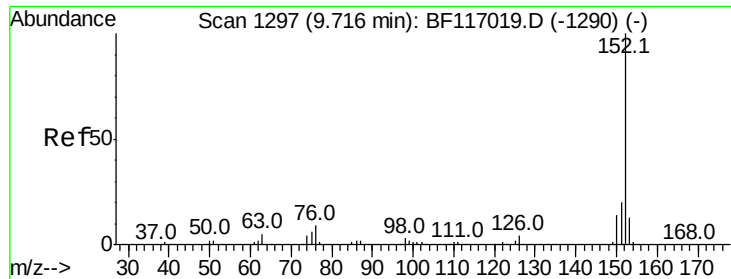
#48
2-Nitroaniline
Concen: 37.513 ng
RT: 9.40 min Scan# 1244
Delta R.T. 0.01 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.0	57.5	86.3
138	95.8	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: 37.235 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

Instrument :

BNA_F

ClientSampleId :

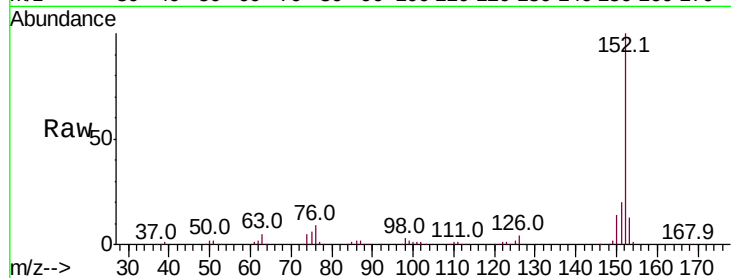
Tot Ion:152 Resp: 336951

Ion Ratio Lower Upper

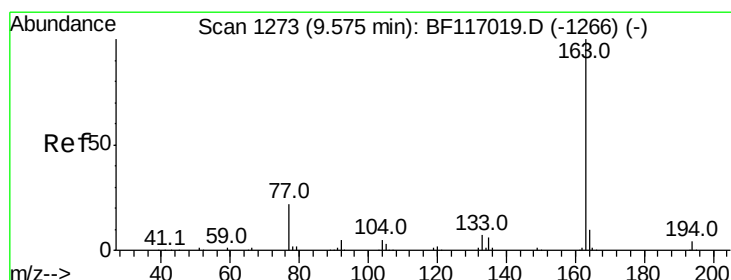
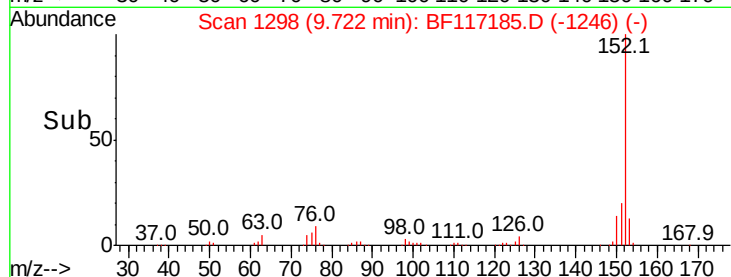
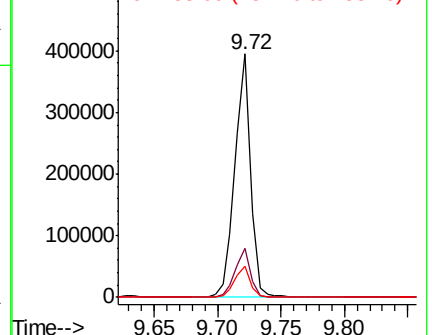
152 100

151 20.0 16.2 24.2

153 12.8 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: 39.513 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

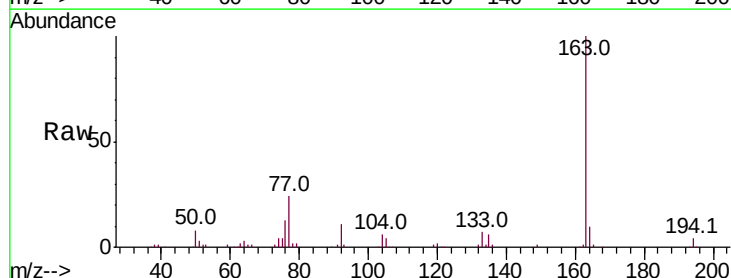
Tgt Ion:163 Resp: 272993

Ion Ratio Lower Upper

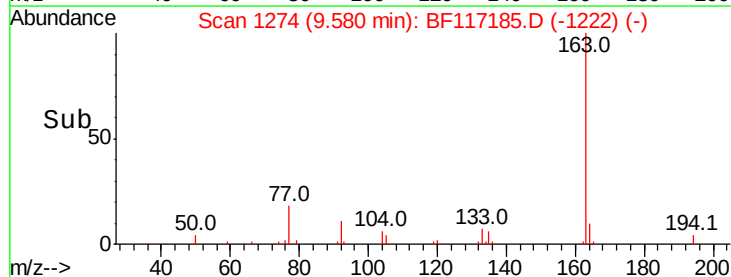
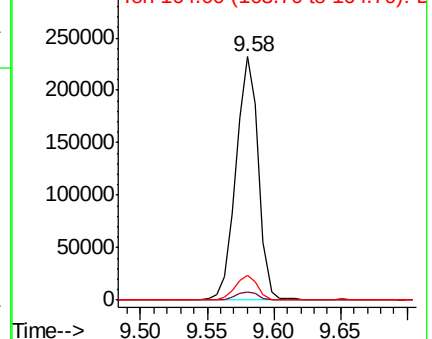
163 100

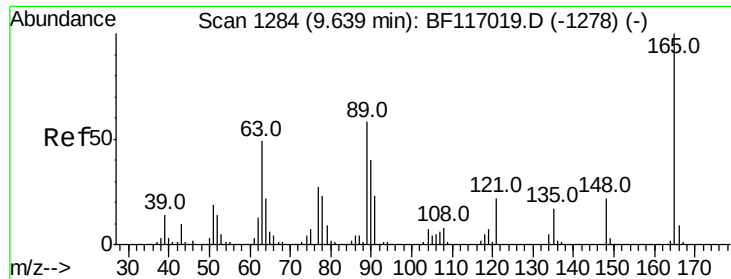
194 3.6 2.9 4.3

164 10.1 8.2 12.4



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

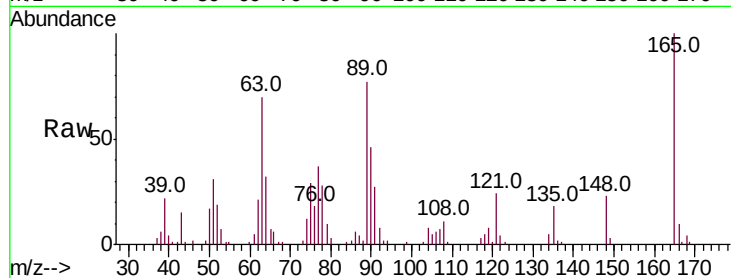




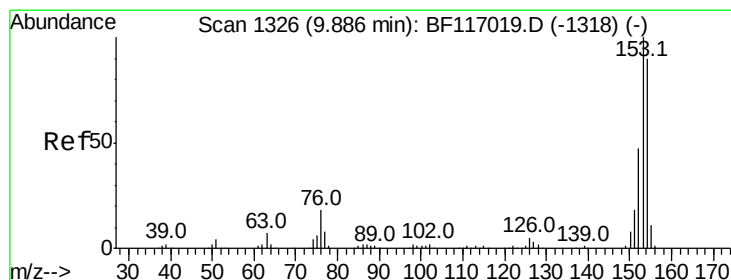
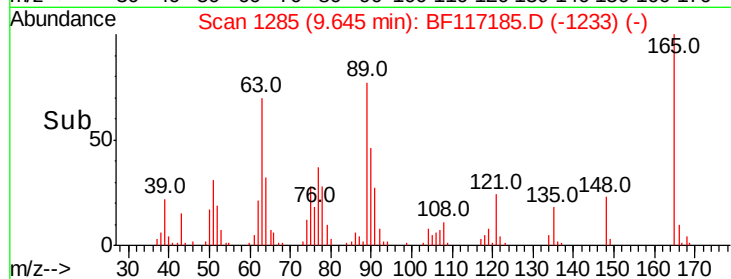
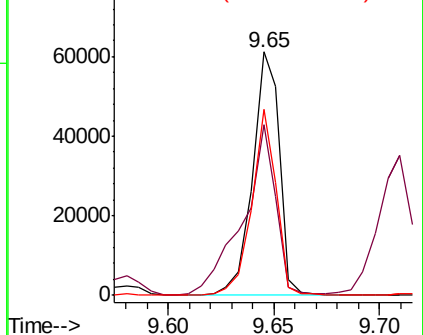
#51
 2,6-Dinitrotoluene
 Concen: 38.465 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF117185.D
 Acq: 20 Sep 2019 13:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 54126
 Ion Ratio Lower Upper
 165 100
 63 70.3 41.8 62.8#
 89 76.5 46.5 69.7#

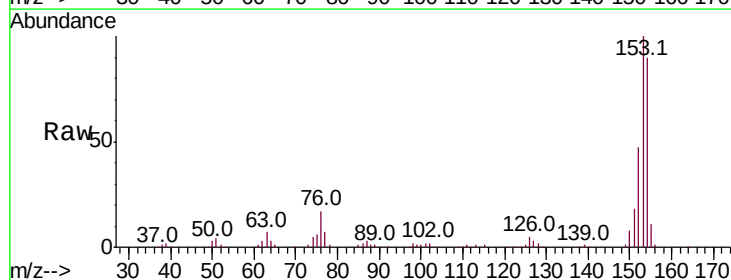


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

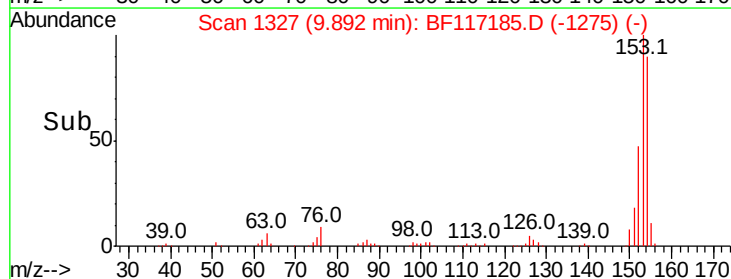
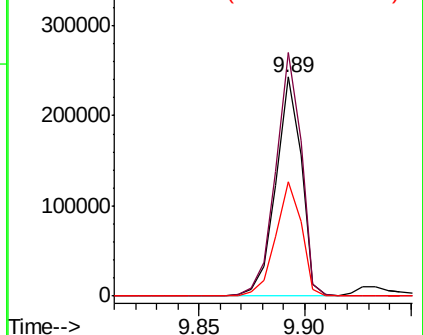


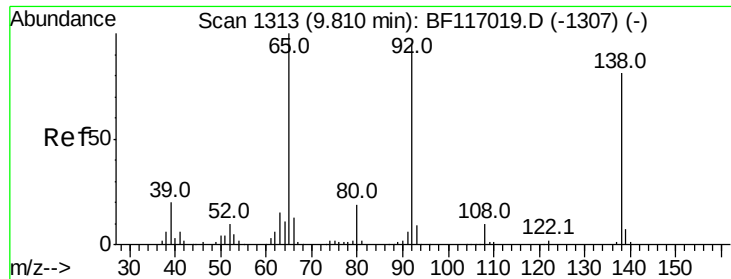
#52
 Acenaphthene
 Concen: 38.241 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF117185.D
 Acq: 20 Sep 2019 13:57

Tgt Ion:154 Resp: 205136
 Ion Ratio Lower Upper
 154 100
 153 111.1 89.0 133.6
 152 52.4 41.9 62.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

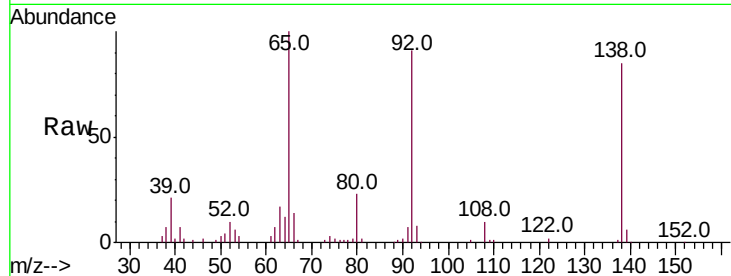




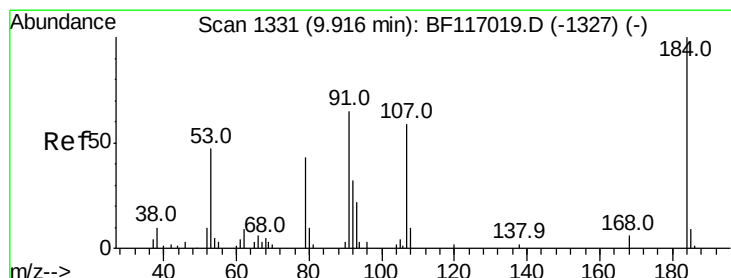
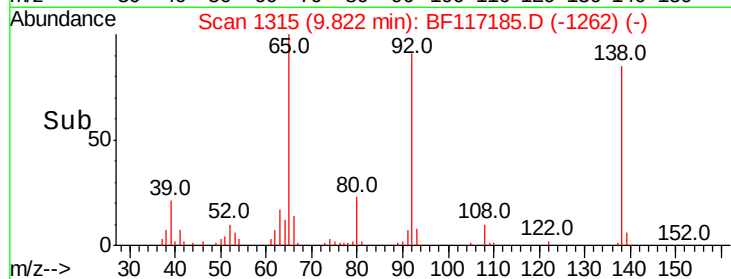
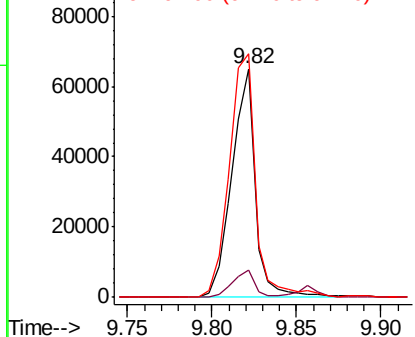
#53
 3-Nitroaniline
 Concen: 35.418 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF117185.D
 Acq: 20 Sep 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 62881
 Ion Ratio Lower Upper
 138 100
 108 11.8 9.5 14.3
 92 106.5 94.1 141.1

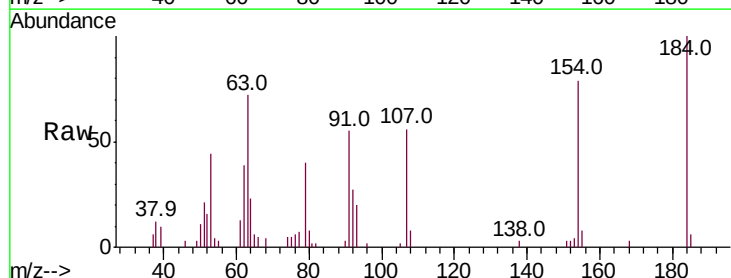


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

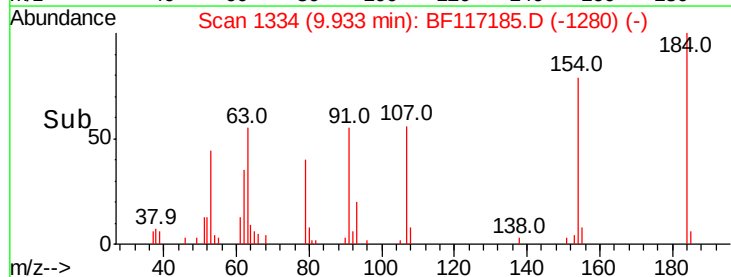
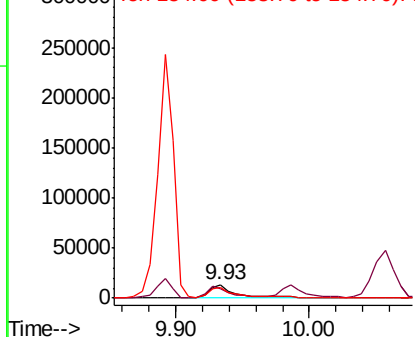


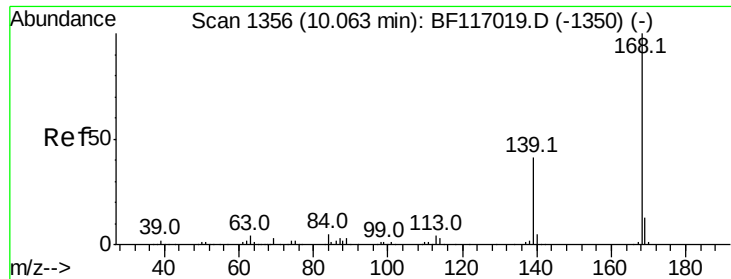
#54
 2,4-Dinitrophenol
 Concen: 36.773 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.02 min
 Lab File: BF117185.D
 Acq: 20 Sep 2019 13:57

Tgt Ion:184 Resp: 18944
 Ion Ratio Lower Upper
 184 100
 63 72.1 63.8 95.6
 154 79.5 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

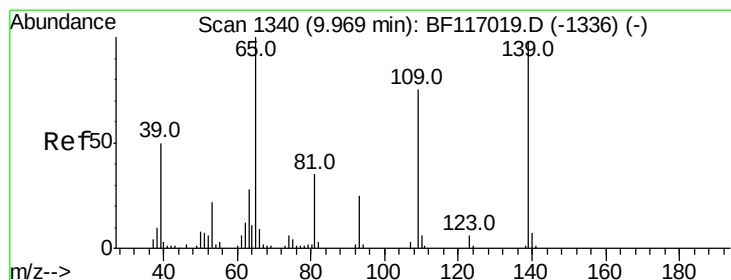
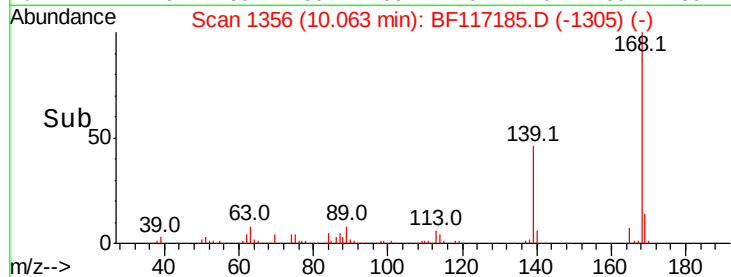
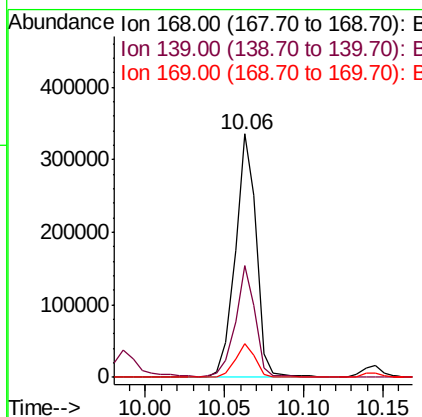
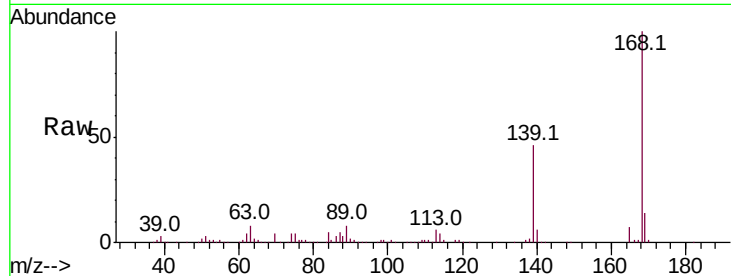




#55
Dibenzofuran
Concen: 38.805 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

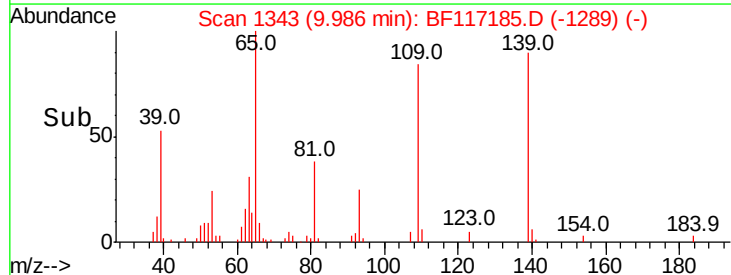
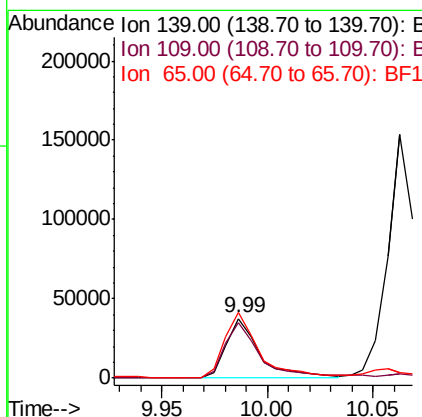
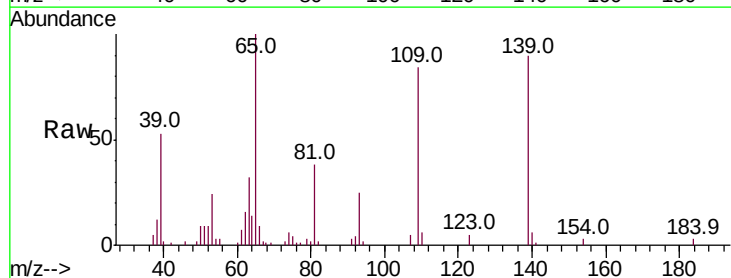
Instrument :
BNA_F
ClientSampleId :

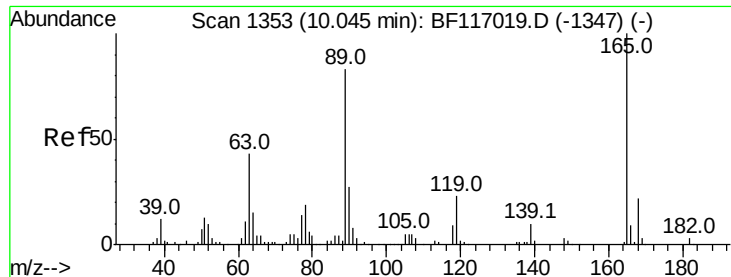
Tot Ion:168 Resp: 307122
Ion Ratio Lower Upper
168 100
139 45.7 32.8 49.2
169 14.0 10.5 15.7



#56
4-Nitrophenol
Concen: 36.120 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Tgt Ion:139 Resp: 41561
Ion Ratio Lower Upper
139 100
109 93.2 56.4 96.4
65 111.1 82.5 122.5

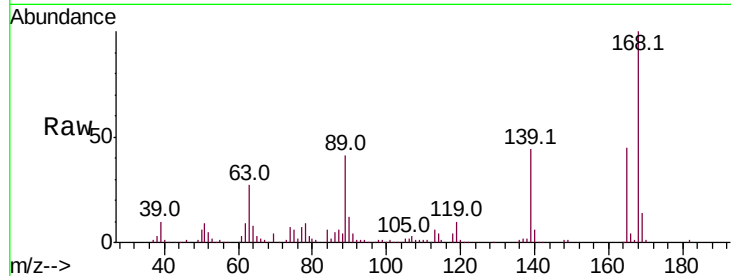




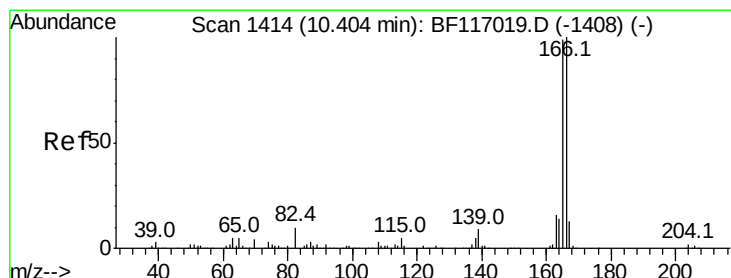
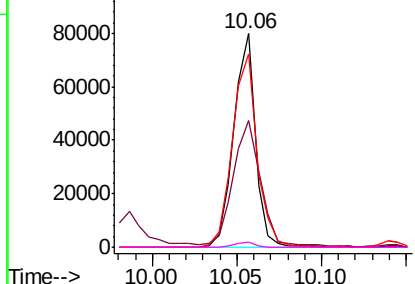
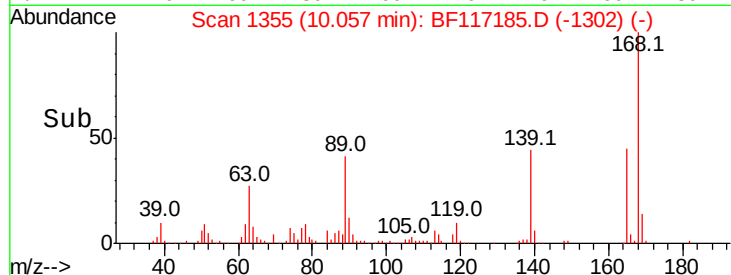
#57
2,4-Dinitrotoluene
Concen: 38.981 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 71200
Ion Ratio Lower Upper
165 100
63 59.2 35.0 52.4#
89 90.5 66.1 99.1
182 2.3 2.0 3.0

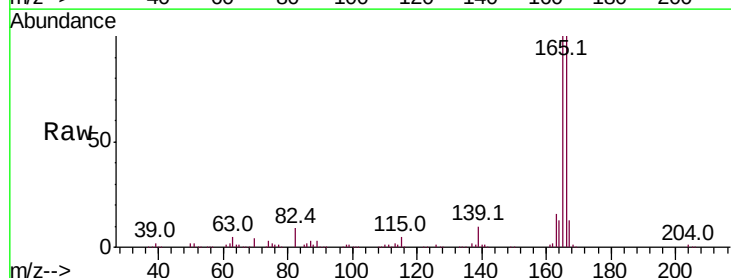


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

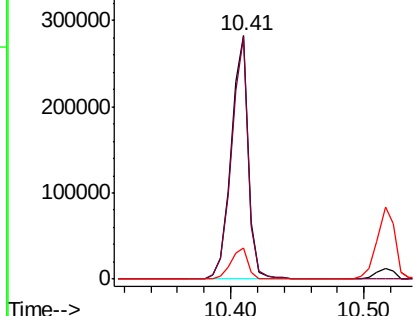
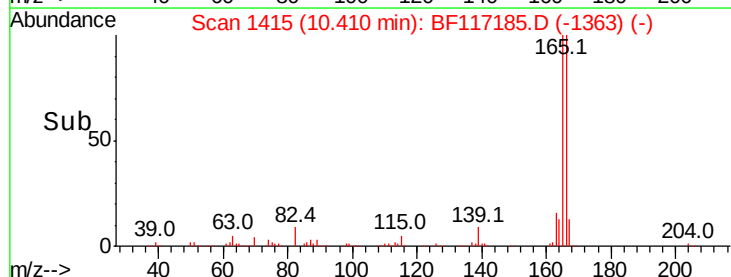


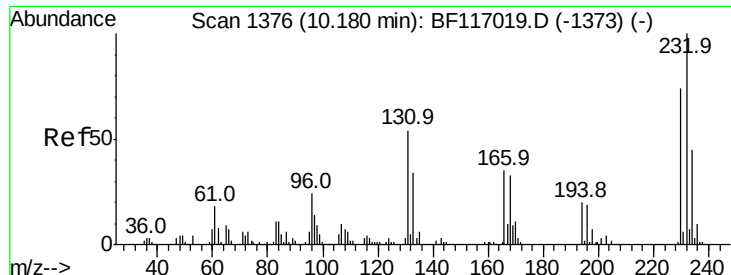
#58
Fluorene
Concen: 40.243 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Tgt Ion:166 Resp: 256567
Ion Ratio Lower Upper
166 100
165 99.7 78.9 118.3
167 13.0 10.6 15.8



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

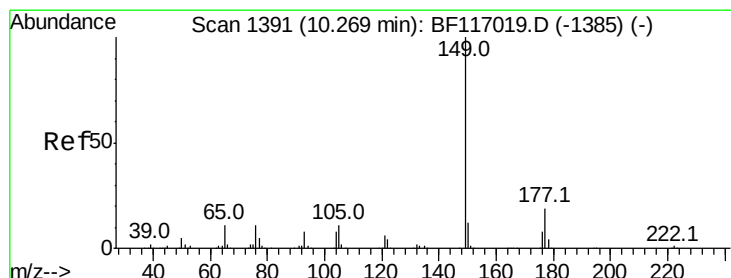
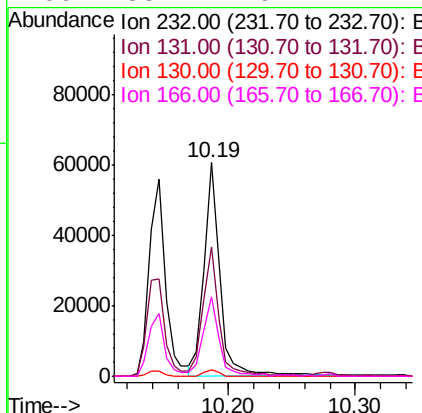
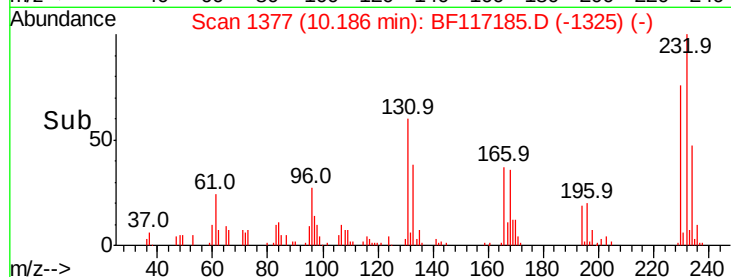
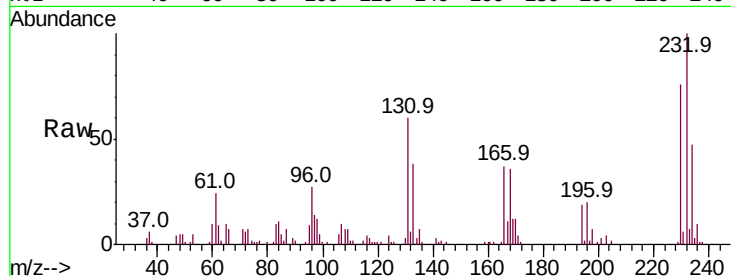




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.770 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF117185.D
 Acq: 20 Sep 2019 13:57

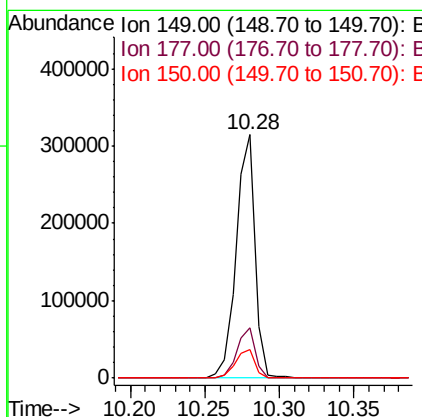
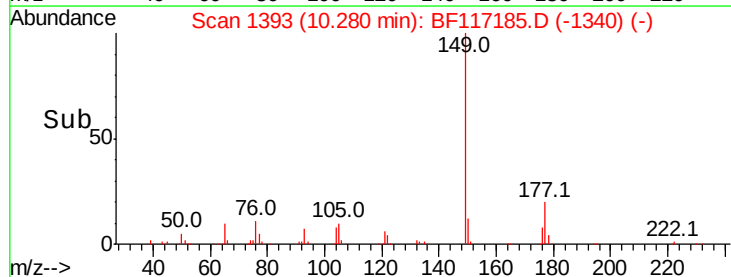
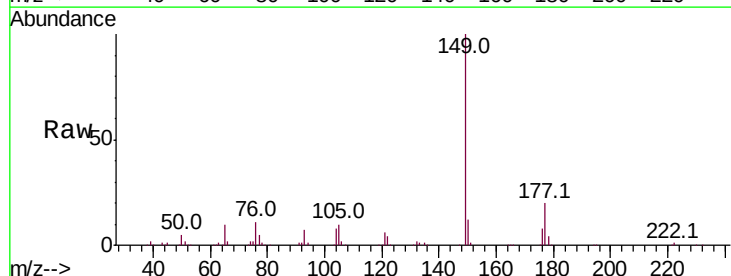
Instrument :
 BNA_F
 ClientSampleId :

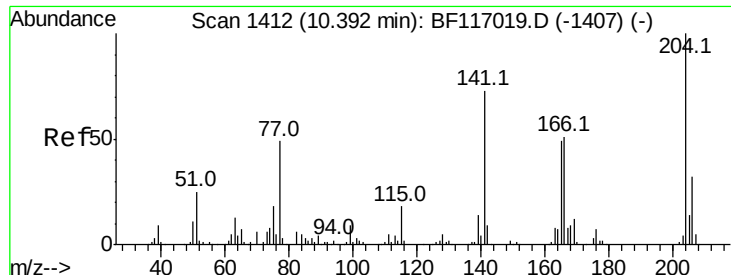
Tot Ion:232 Resp: 52805
 Ion Ratio Lower Upper
 232 100
 131 62.1 45.3 67.9
 130 2.7 1.8 2.8
 166 38.1 29.4 44.2



#60
 Diethylphthalate
 Concen: 41.303 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF117185.D
 Acq: 20 Sep 2019 13:57

Tgt Ion:149 Resp: 280750
 Ion Ratio Lower Upper
 149 100
 177 20.5 15.2 22.8
 150 11.7 9.9 14.9

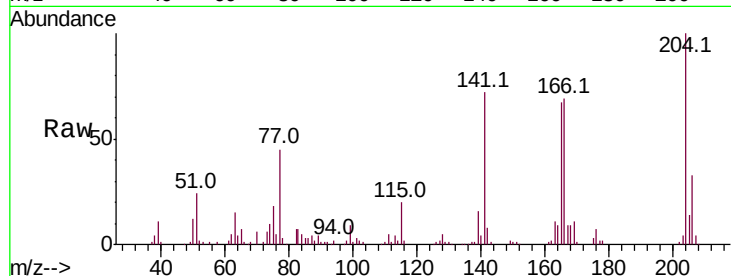




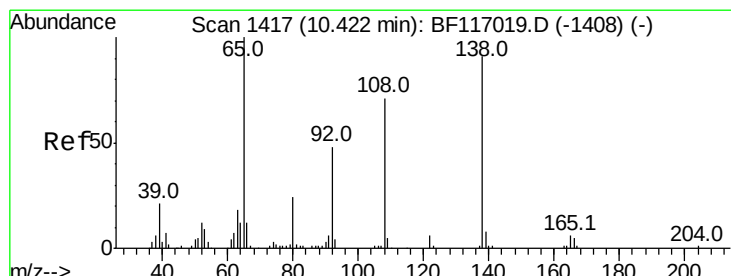
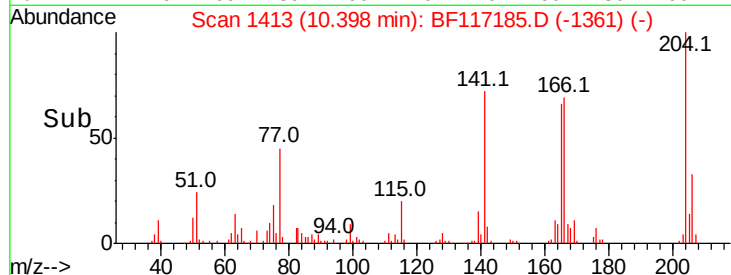
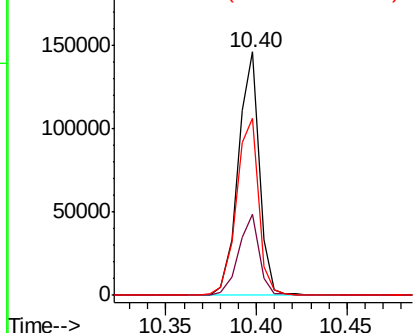
#61
4-Chlorophenyl-phenylether
Concen: 42.816 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 118104
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 72.5 58.2 87.2

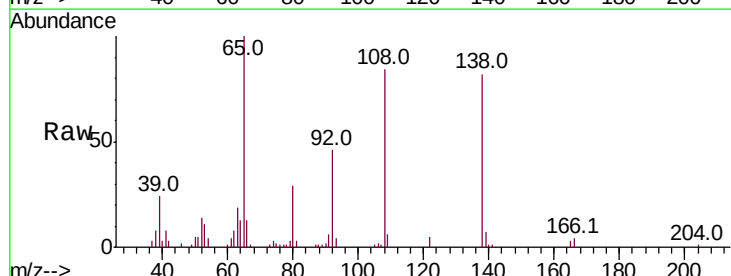


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

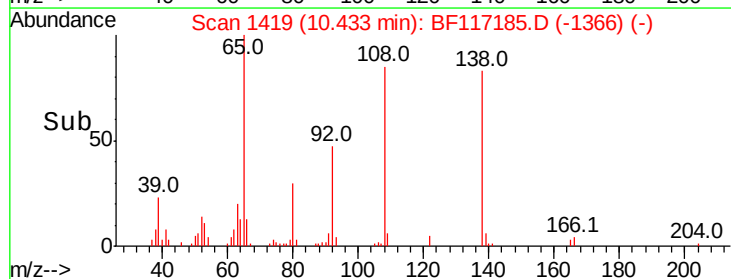
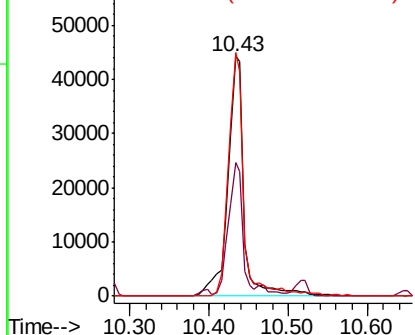


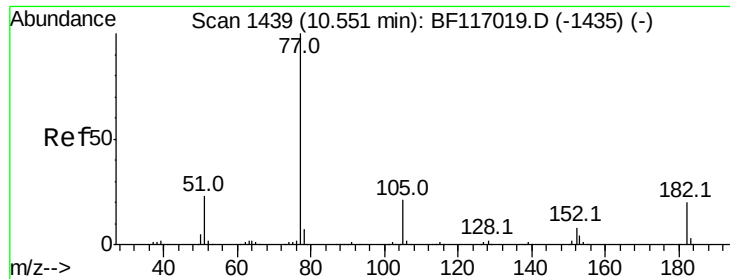
#62
4-Nitroaniline
Concen: 33.949 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Tgt Ion:138 Resp: 62680
Ion Ratio Lower Upper
138 100
92 56.0 32.9 72.9
108 101.6 58.3 98.3#



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





#63

Azobenzene

Concen: 40.400 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 280464

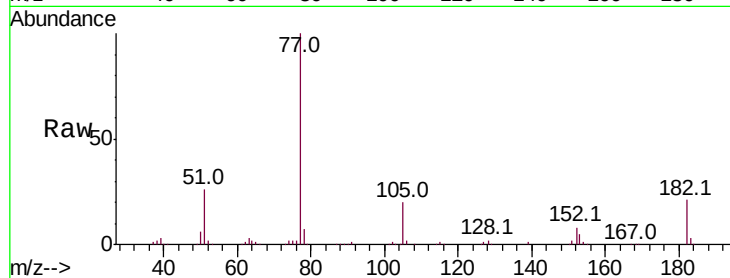
Ion Ratio Lower Upper

77 100

182 21.2 0.4 40.4

105 20.2 0.9 40.9

51 25.8 2.8 42.8

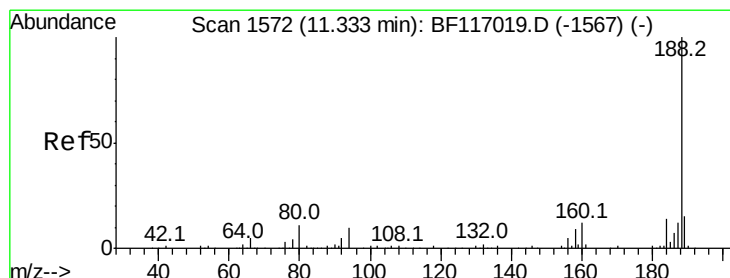
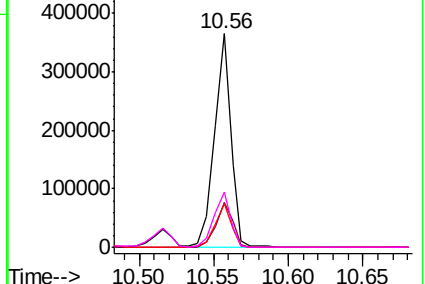
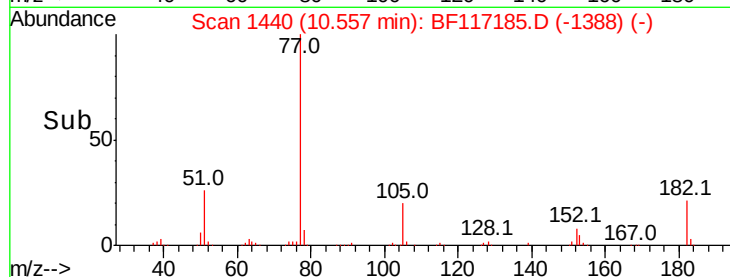


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

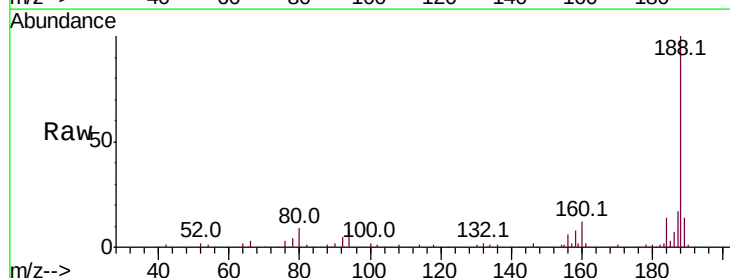
Tgt Ion: 188 Resp: 155729

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.2

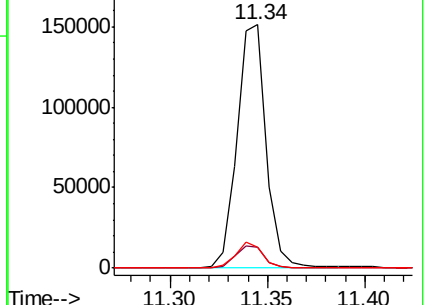
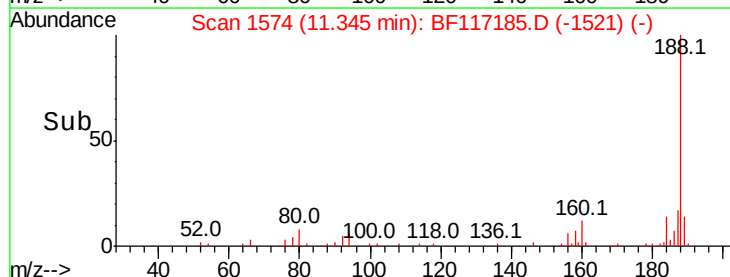
80 8.6 9.0 13.6#

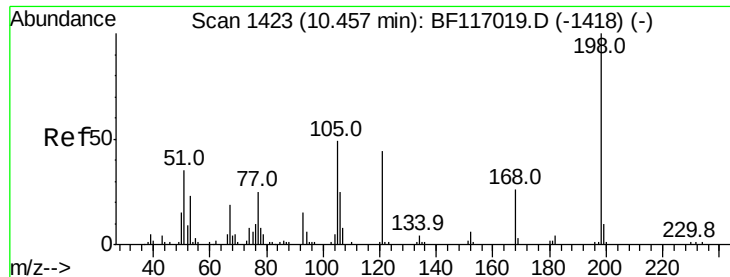


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

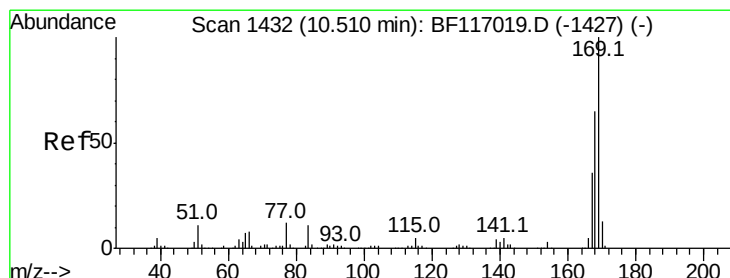
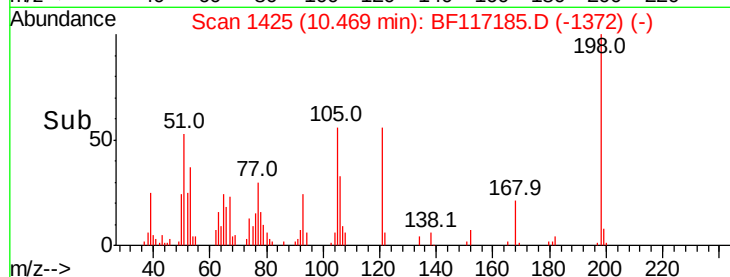
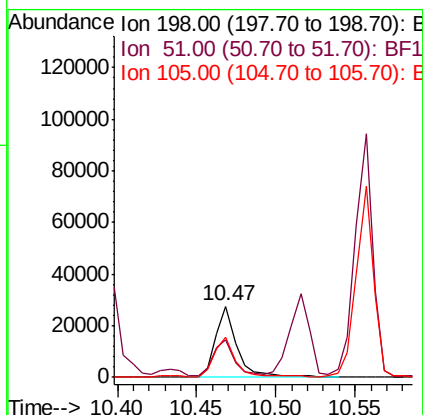
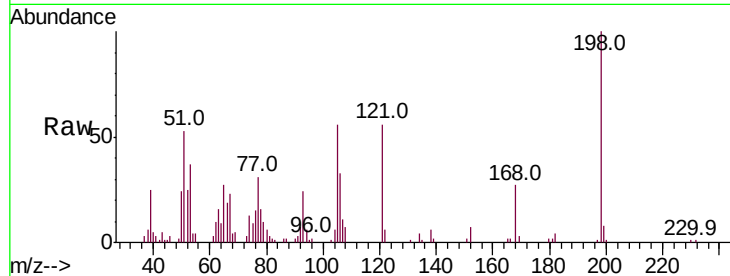




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.081 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF117185.D
 Acq: 20 Sep 2019 13:57

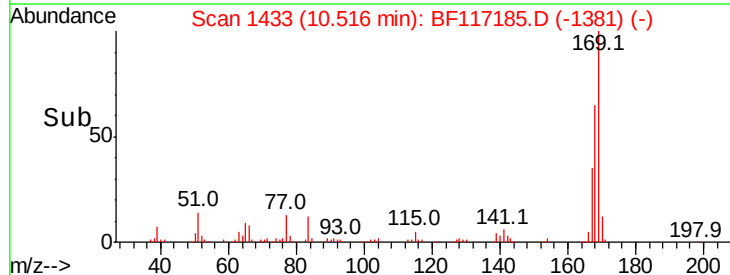
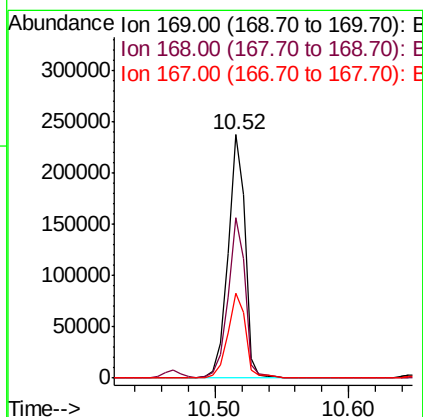
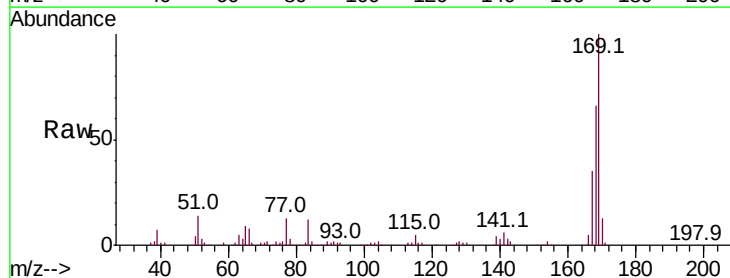
Instrument :
 BNA_F
 ClientSampled :

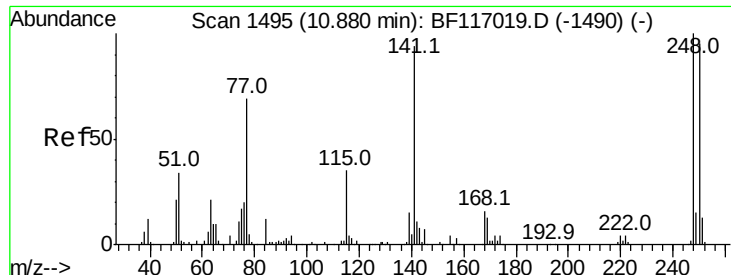
Tot Ion:198 Resp: 25839
 Ion Ratio Lower Upper
 198 100
 51 52.9 18.7 58.7
 105 55.8 30.2 70.2



#66
 n-Nitrosodiphenylamine
 Concen: 39.987 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF117185.D
 Acq: 20 Sep 2019 13:57

Tgt Ion:169 Resp: 215061
 Ion Ratio Lower Upper
 169 100
 168 65.6 52.2 78.2
 167 34.9 28.8 43.2

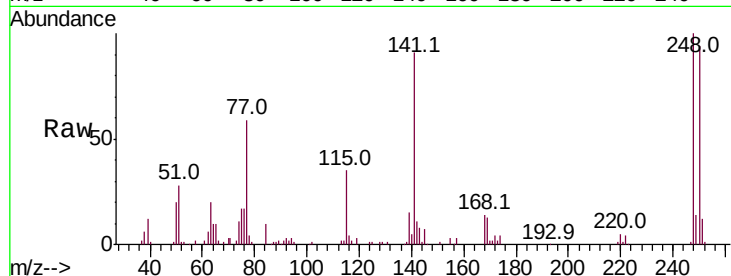




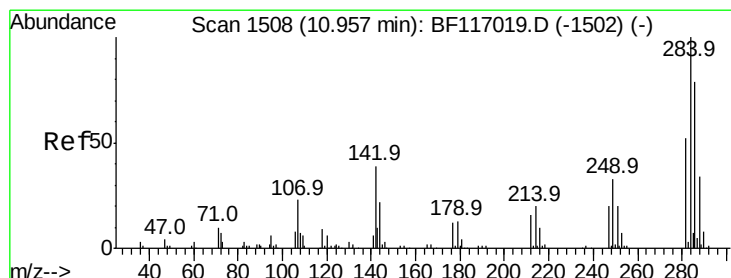
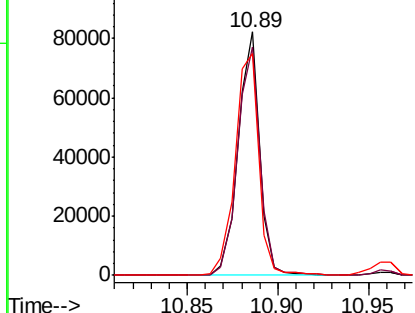
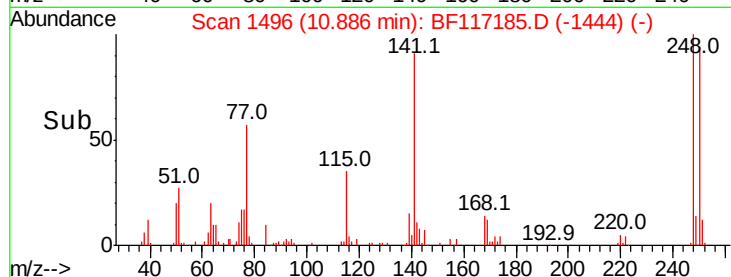
#67
4-Bromophenyl-phenylether
Concen: 42.725 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 67949
Ion Ratio Lower Upper
248 100
250 93.9 76.2 114.4
141 91.4 75.0 112.4

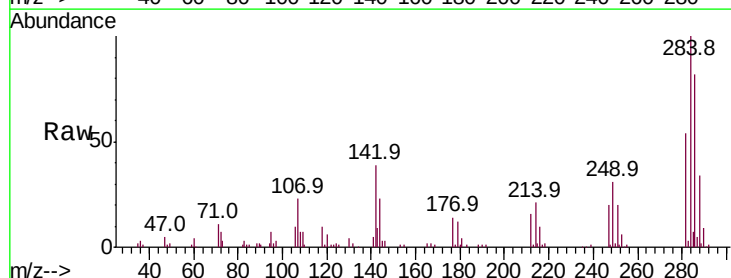


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

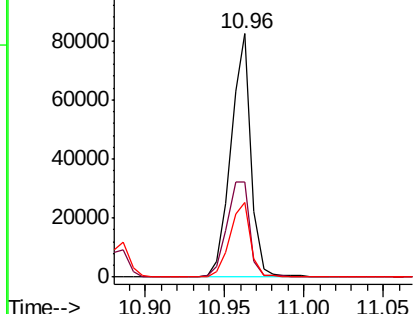
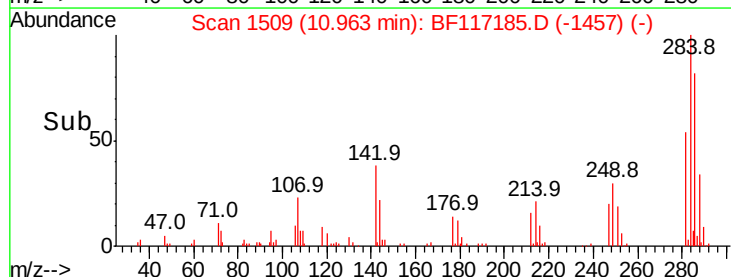


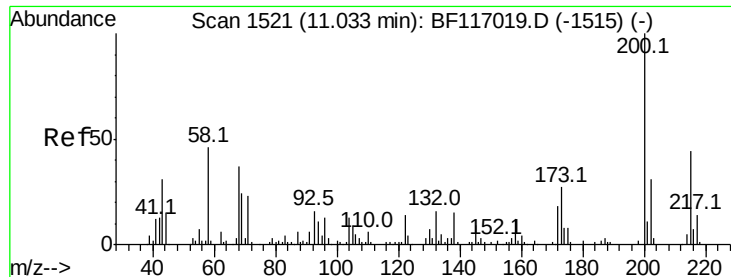
#68
Hexachlorobenzene
Concen: 41.281 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Tgt Ion:284 Resp: 71808
Ion Ratio Lower Upper
284 100
142 39.3 31.4 47.2
249 30.7 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

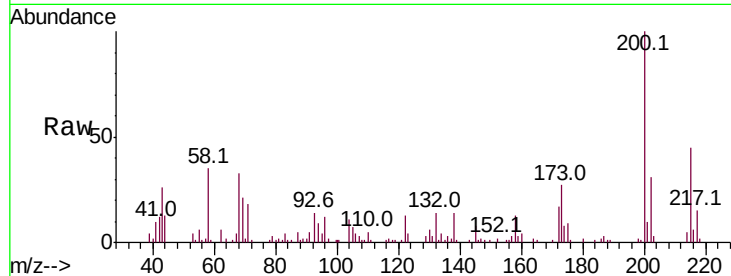




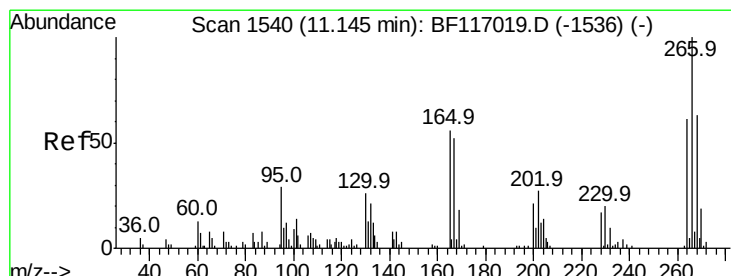
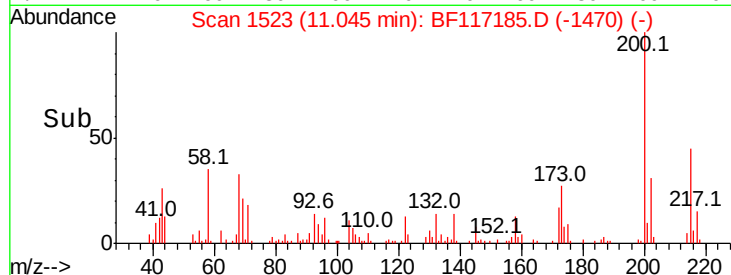
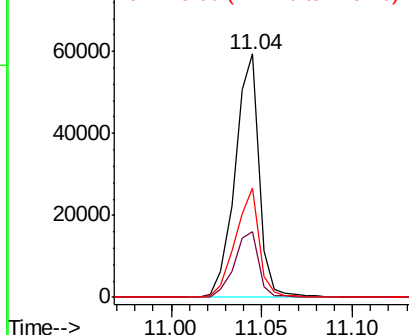
#69
 Atrazine
 Concen: 39.689 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF117185.D
 Acq: 20 Sep 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.9	46.9
215	44.8	23.8	63.8

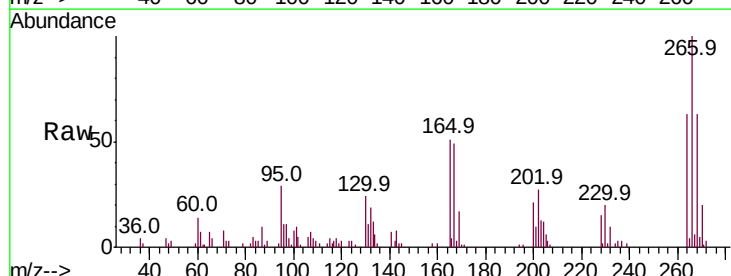


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

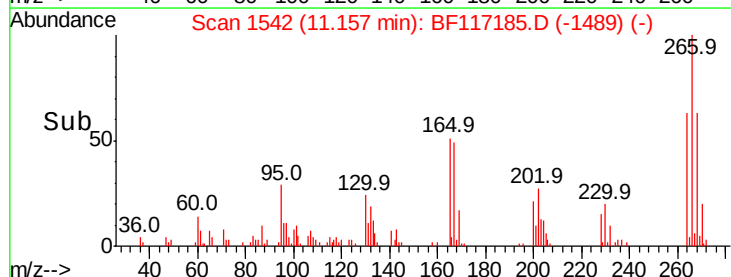
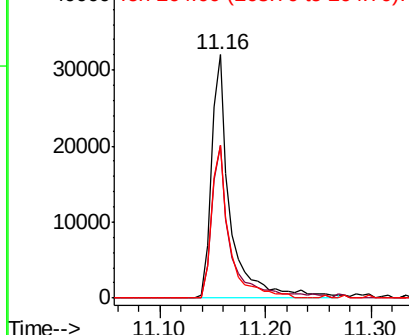


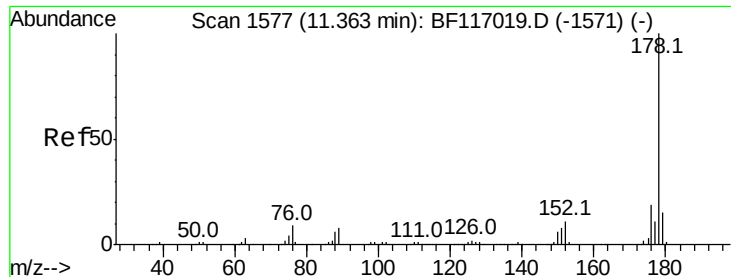
#70
 Pentachlorophenol
 Concen: 49.023 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. 0.01 min
 Lab File: BF117185.D
 Acq: 20 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	50.5	75.7
264	62.6	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

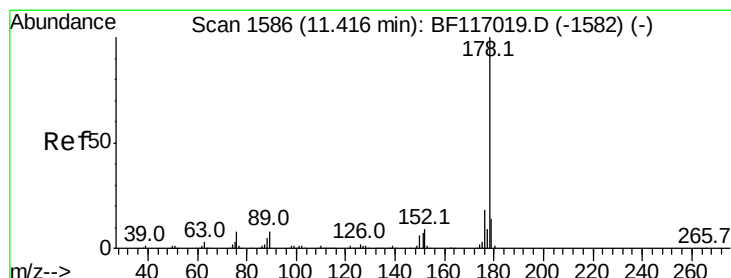
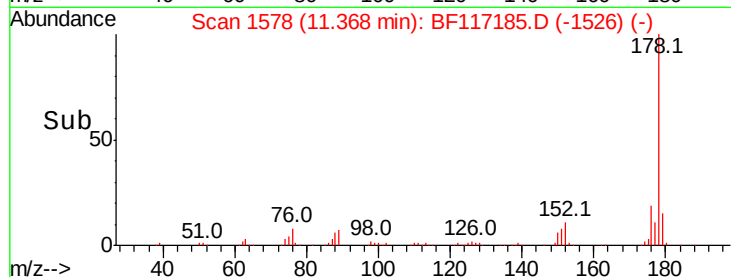
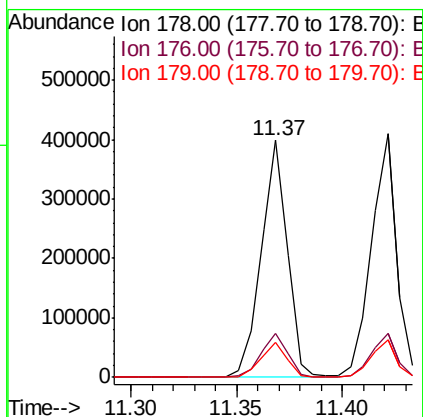
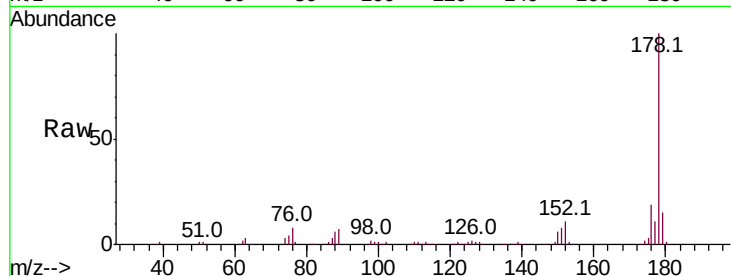




#71
Phenanthrene
Concen: 38.999 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

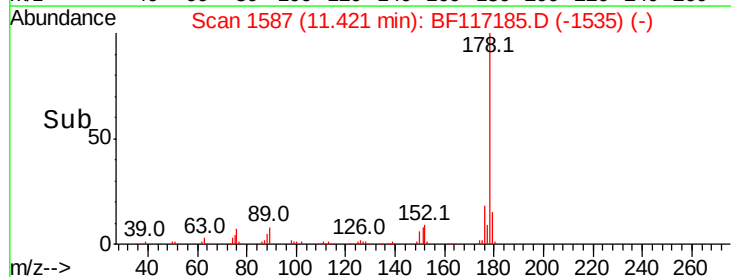
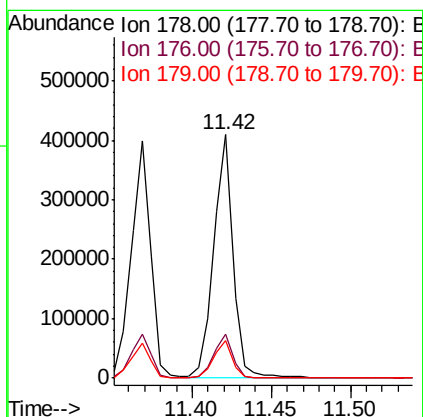
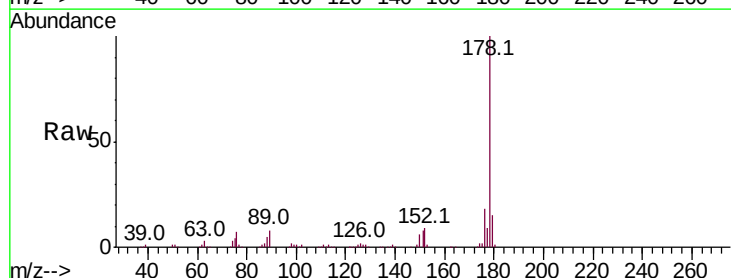
Instrument :
BNA_F
ClientSampleId :

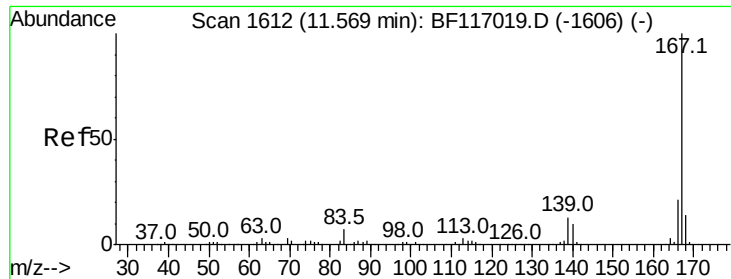
Tot Ion:178 Resp: 344958
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 14.9 12.4 18.6



#72
Anthracene
Concen: 38.385 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Tgt Ion:178 Resp: 346637
Ion Ratio Lower Upper
178 100
176 18.2 14.6 21.8
179 15.2 11.6 17.4

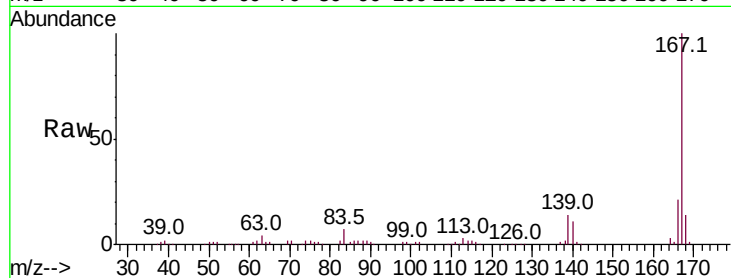




#73
 Carbazole
 Concen: 35.613 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF117185.D
 Acq: 20 Sep 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.2	25.8
139	13.9	10.6	16.0

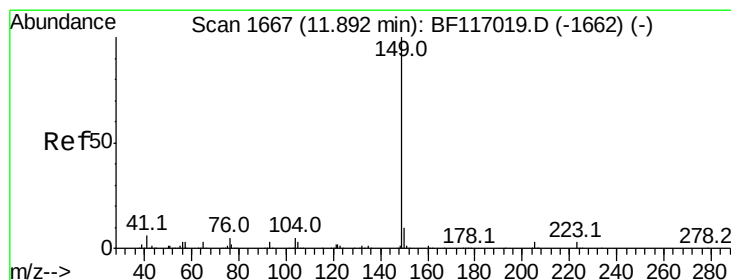
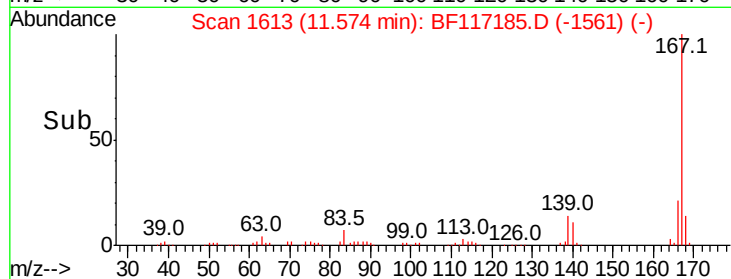
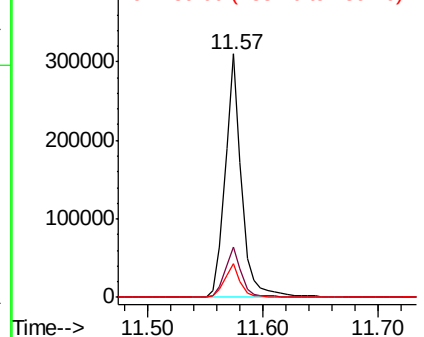


Abundance

Ion 167.00 (166.70 to 167.70): E

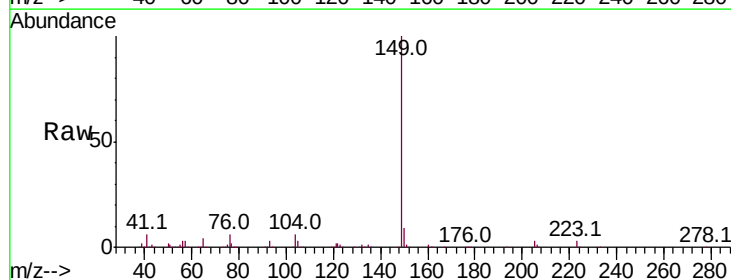
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 44.835 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BF117185.D
 Acq: 20 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.8	4.2	6.4

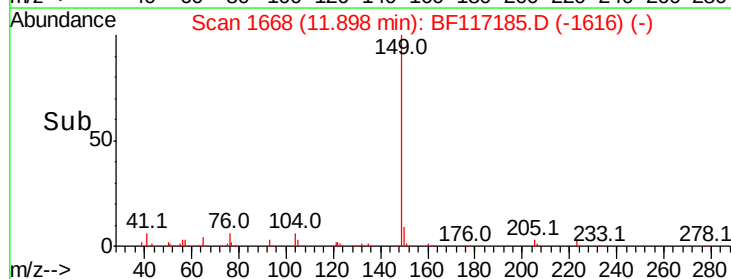
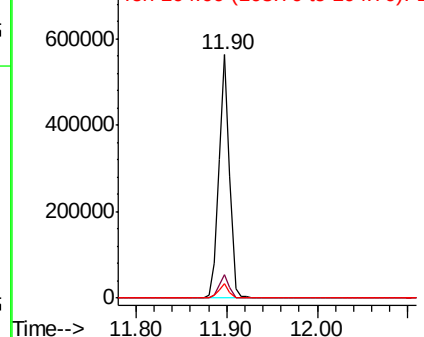


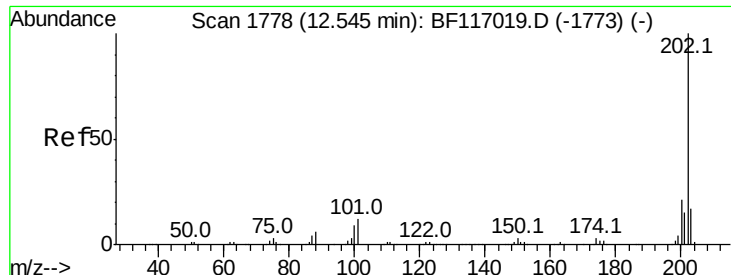
Abundance

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: 36.961 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

Instrument :

BNA_F

ClientSampled :

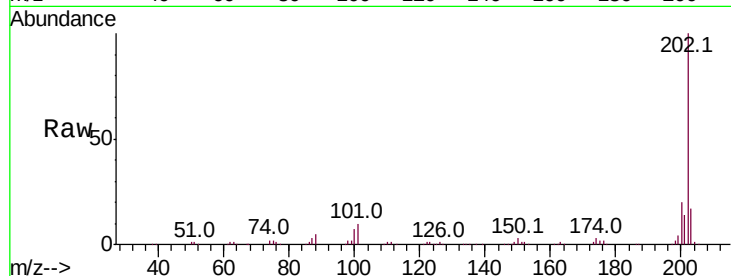
Tot Ion:202 Resp: 335919

Ion Ratio Lower Upper

202 100

101 9.9 0.0 32.3

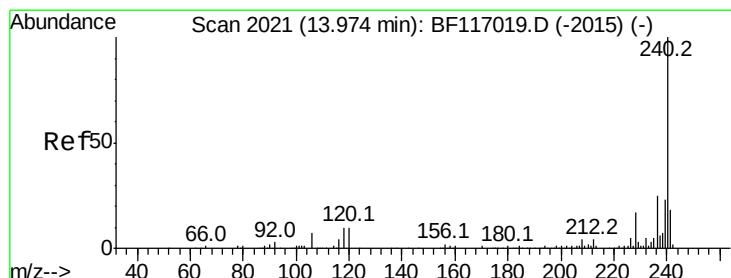
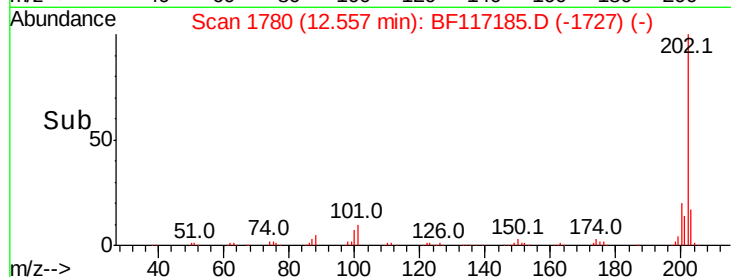
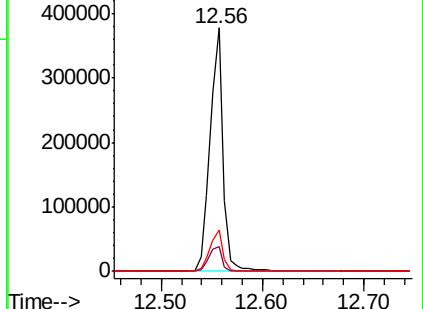
203 17.0 0.0 37.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

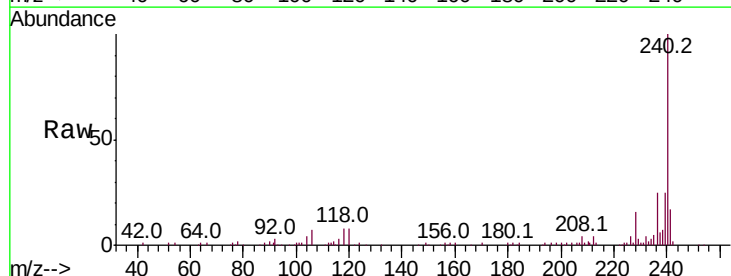
Tgt Ion:240 Resp: 99502

Ion Ratio Lower Upper

240 100

120 8.2 8.3 12.5#

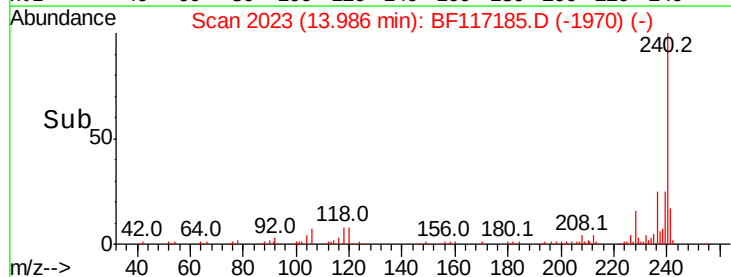
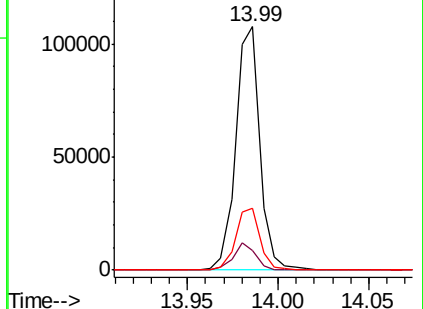
236 25.3 20.3 30.5

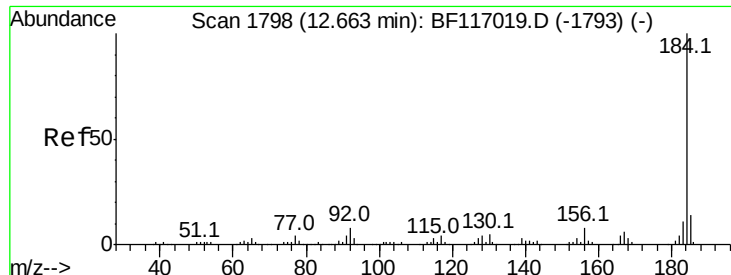


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

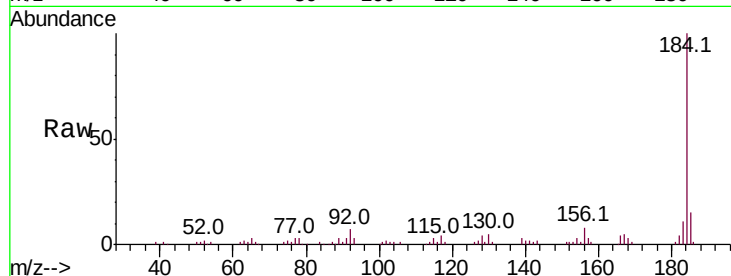




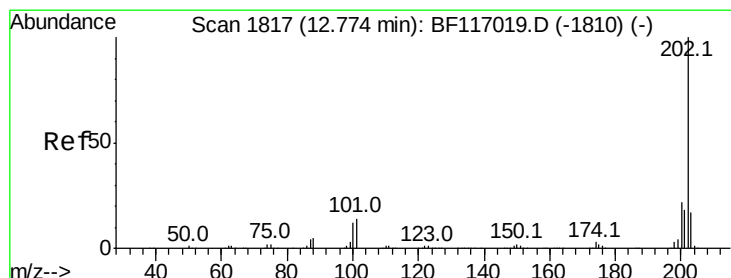
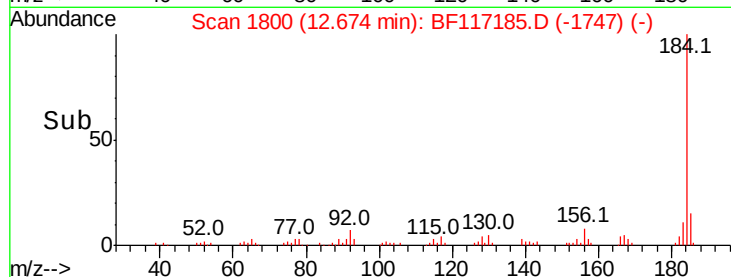
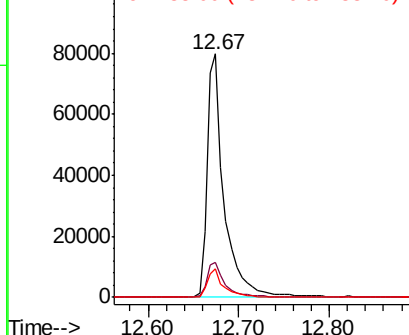
#77
Benzidine
Concen: 32.653 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 104661
Ion Ratio Lower Upper
184 100
185 14.6 11.6 17.4
183 11.5 9.0 13.4

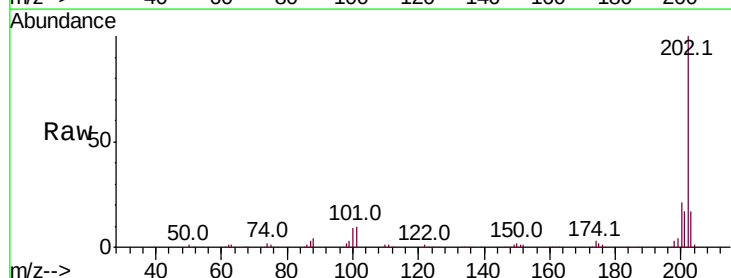


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

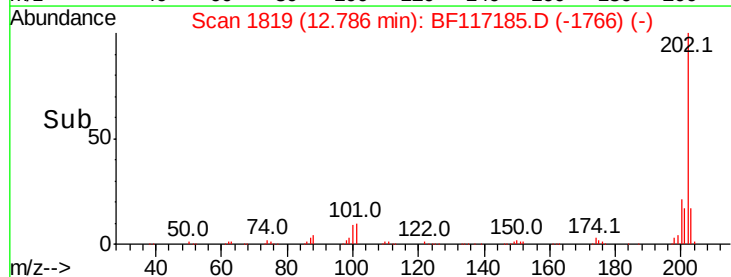
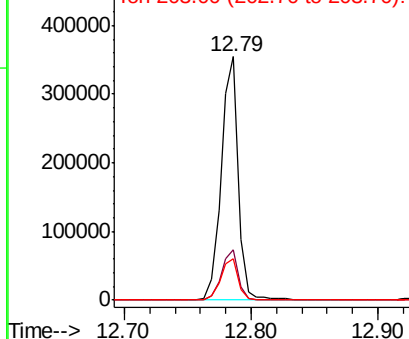


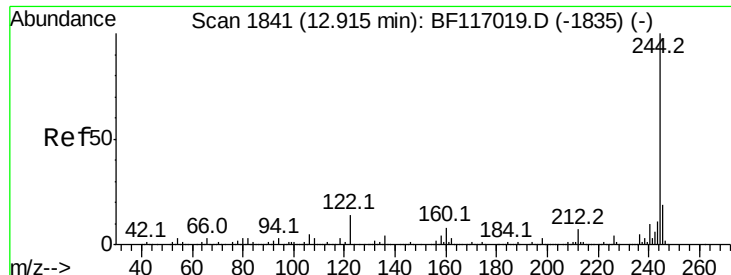
#78
Pyrene
Concen: 39.791 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Tgt Ion:202 Resp: 332213
Ion Ratio Lower Upper
202 100
200 20.8 17.2 25.8
203 16.9 14.0 21.0



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

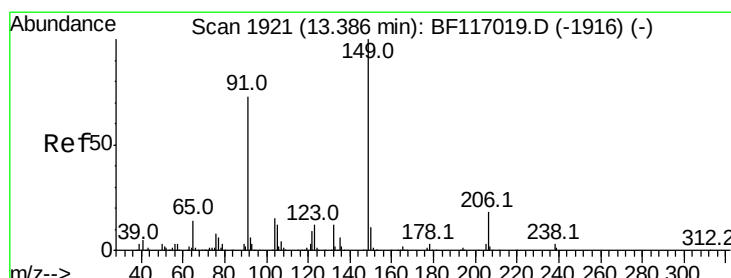
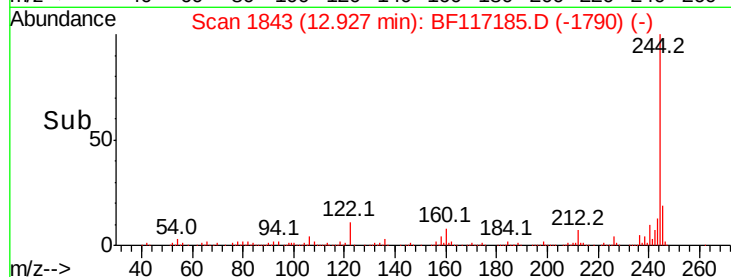
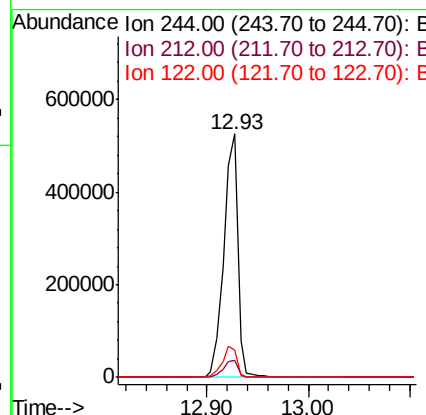
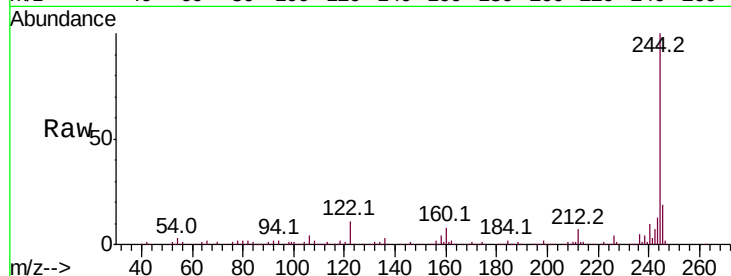




#79
 Terphenyl-d14
 Concen: 94.599 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF117185.D
 Acq: 20 Sep 2019 13:57

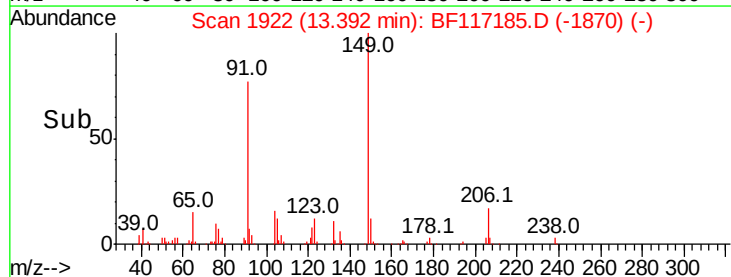
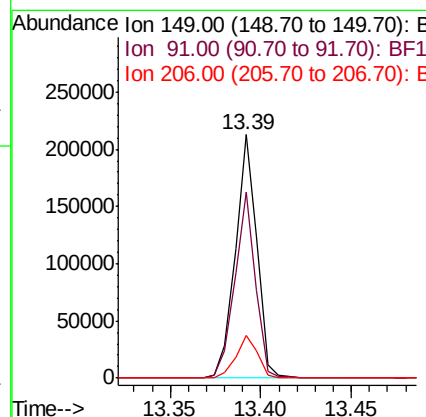
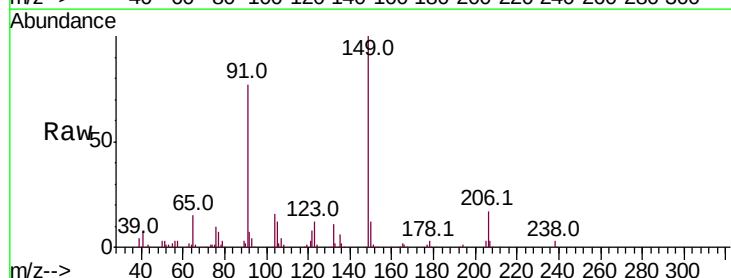
Instrument :
 BNA_F
 ClientSampleId :

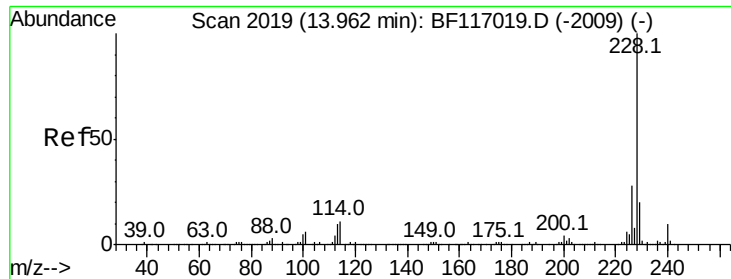
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.1	11.3	16.9



#80
 Butylbenzylphthalate
 Concen: 44.583 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: BF117185.D
 Acq: 20 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.6	58.8	88.2
206	17.3	14.1	21.1

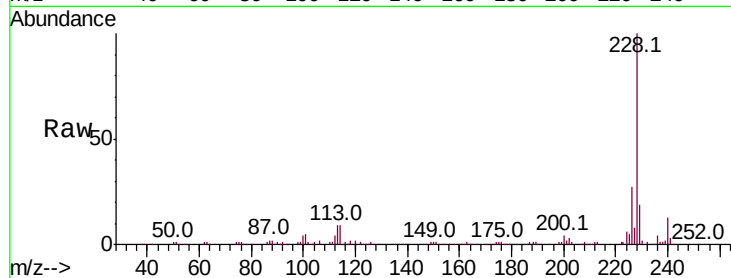




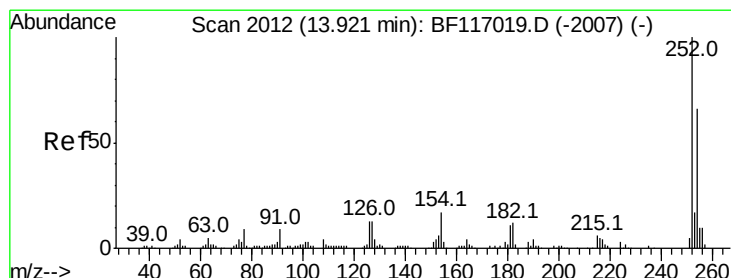
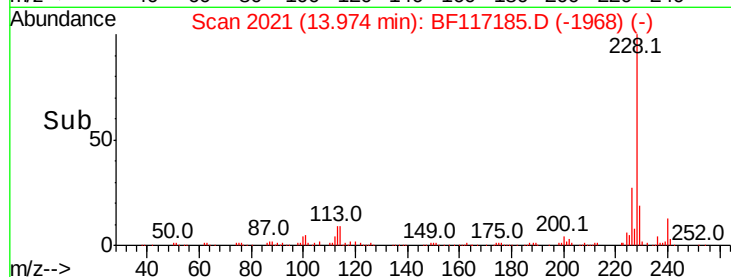
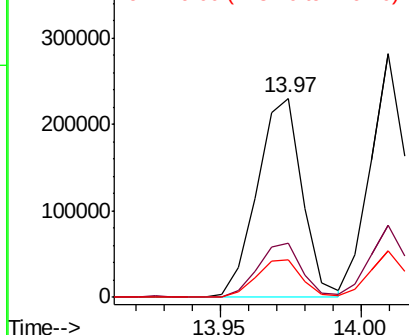
#81
Benzo(a)anthracene
Concen: 38.451 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 255616
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 19.1 15.9 23.9

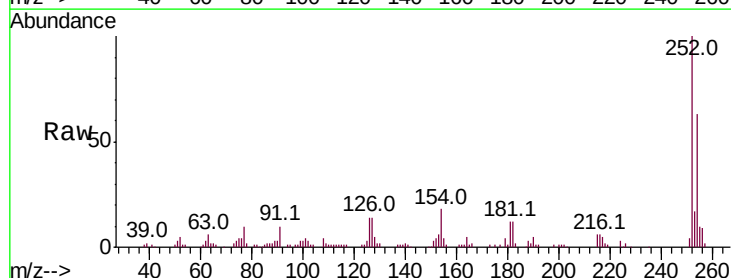


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

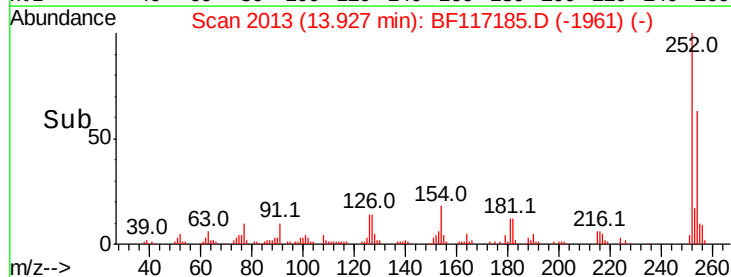
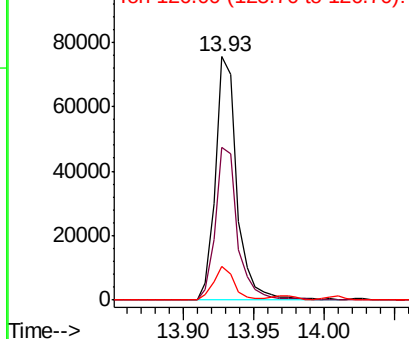


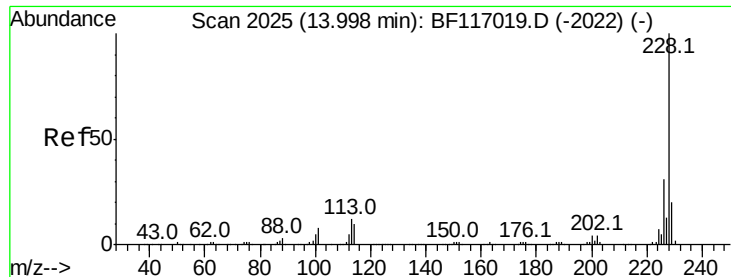
#82
3,3'-Dichlorobenzidine
Concen: 37.395 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Tgt Ion:252 Resp: 80108
Ion Ratio Lower Upper
252 100
254 62.7 52.6 79.0
126 13.6 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.627 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

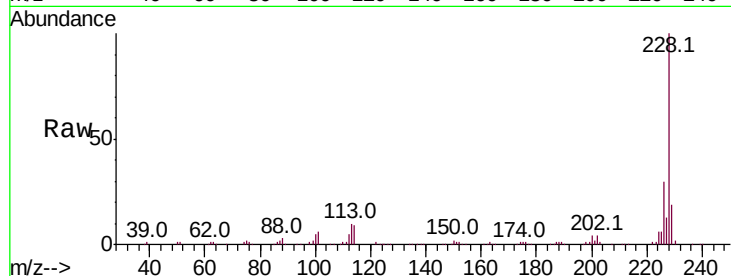
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 243967

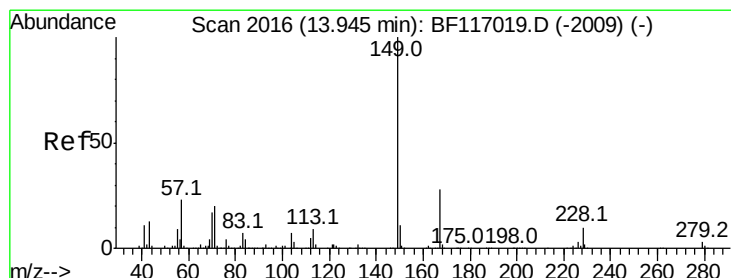
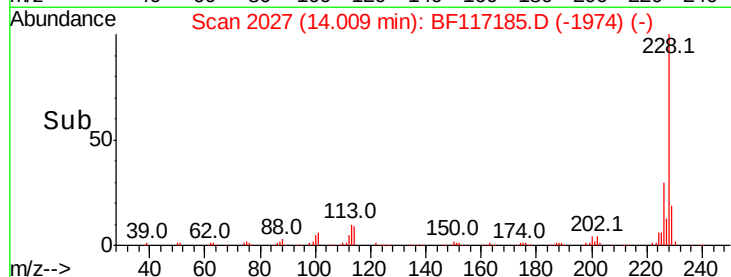
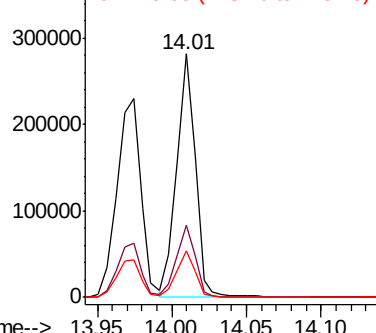
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.8	37.2
229	19.0	15.8	23.8



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: 49.478 ng

RT: 13.95 min Scan# 2017

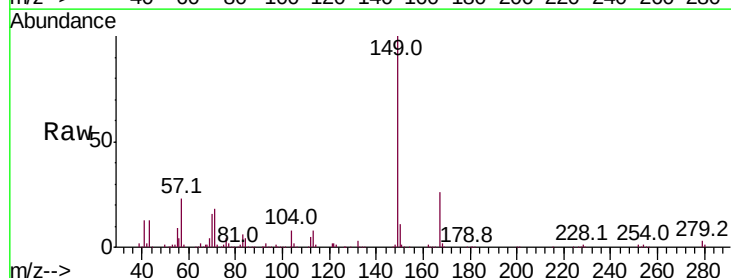
Delta R.T. 0.01 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

Tgt Ion:149 Resp: 251672

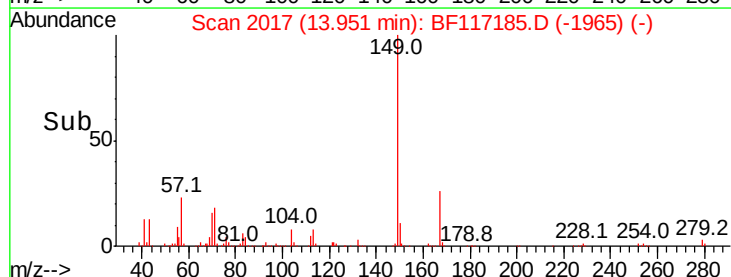
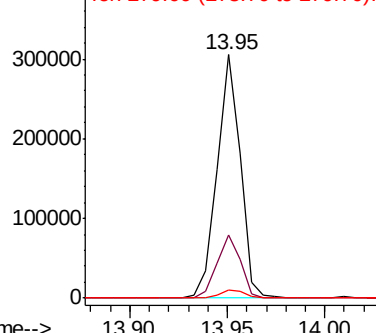
Ion	Ratio	Lower	Upper
149	100		
167	26.1	22.2	33.2
279	3.4	2.8	4.2

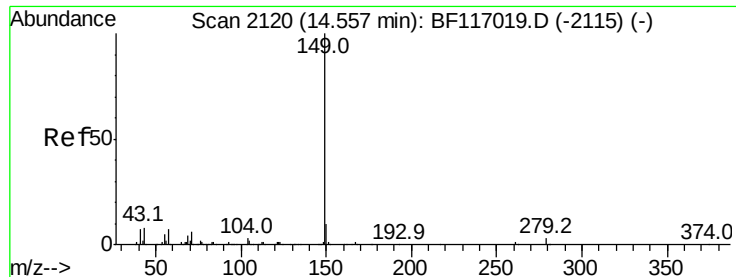


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

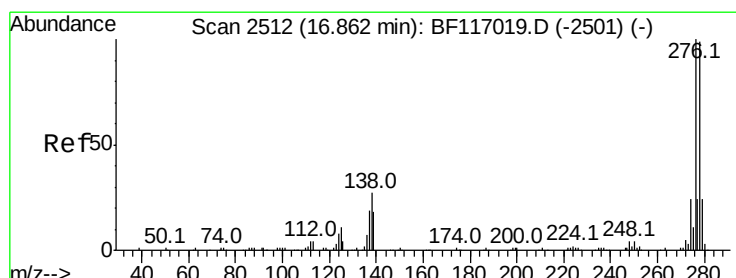
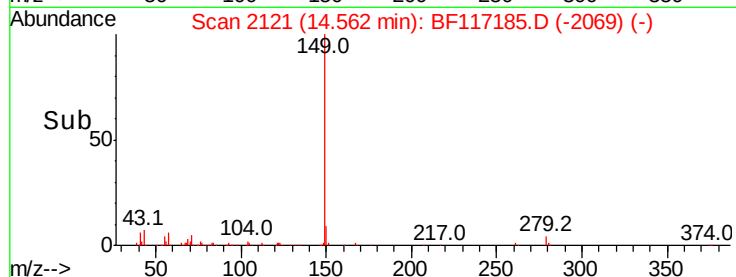
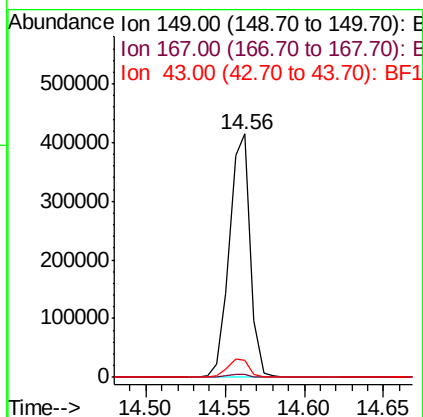
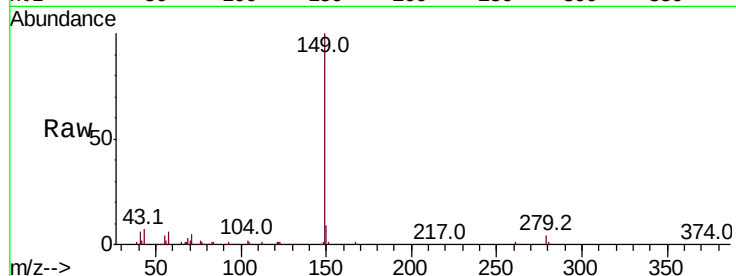




#85
Di-n-octyl phthalate
Concen: 47.209 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

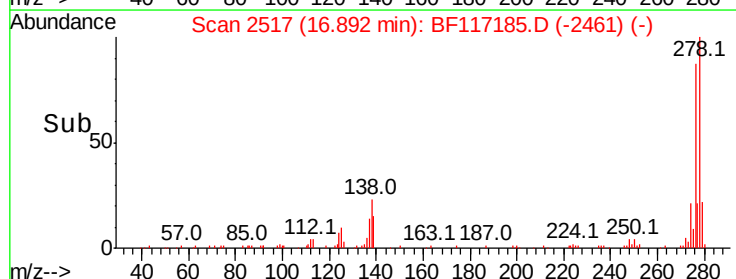
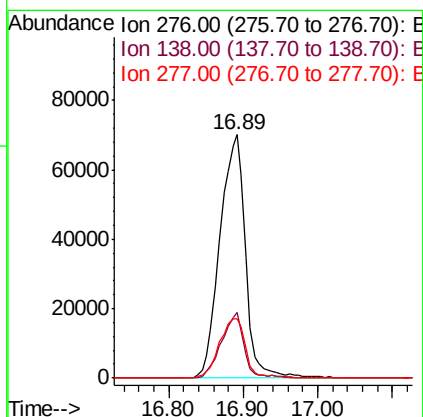
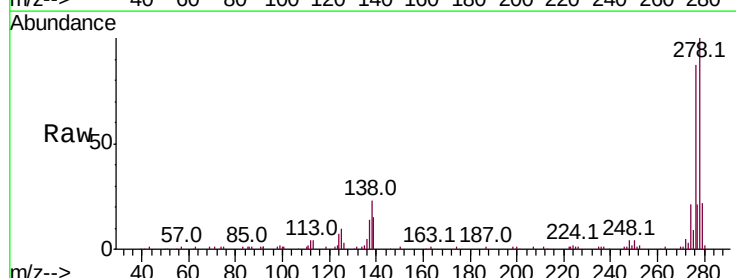
Instrument :
BNA_F
ClientSampleId :

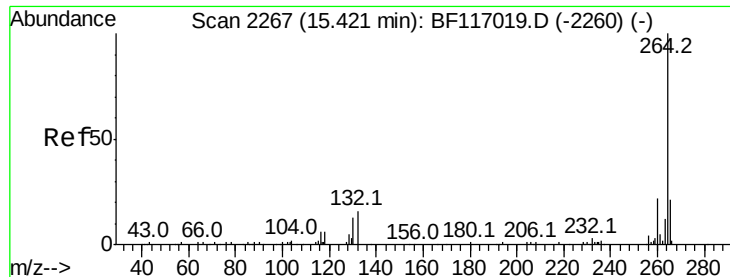
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	8.0	6.2	9.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.358 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.03 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	20.7	31.1
277	25.0	19.8	29.8



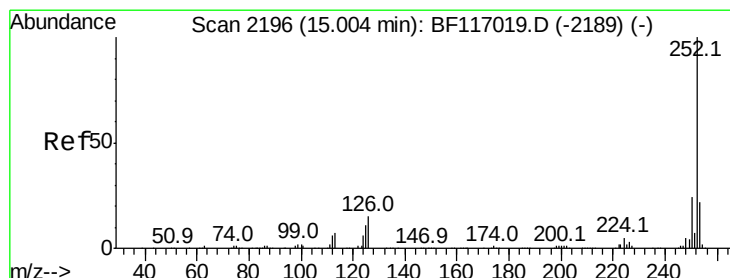
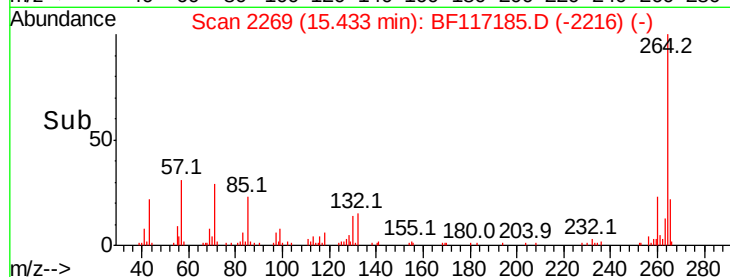
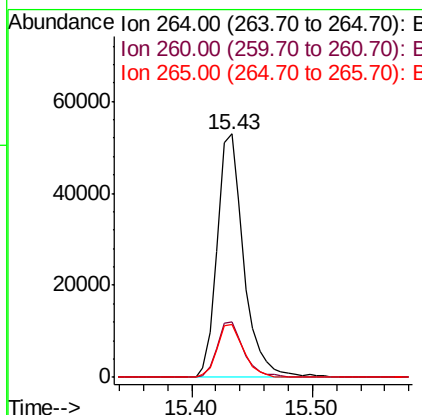
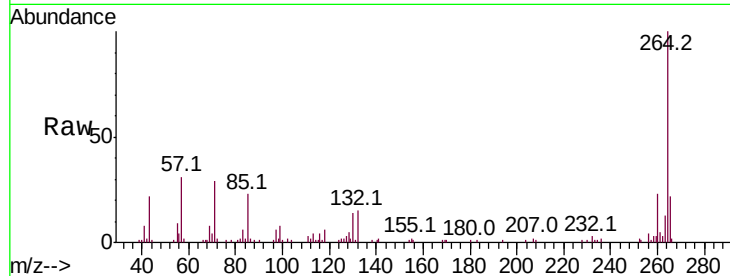


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 80256

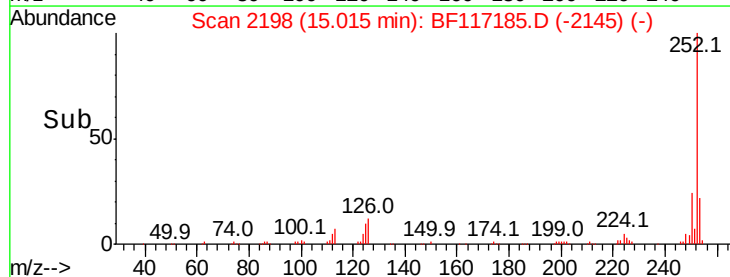
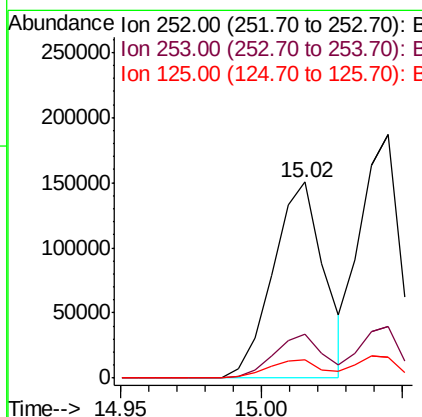
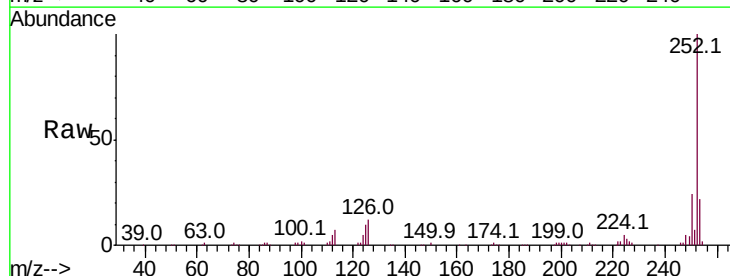
Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.6	26.4
265	21.7	16.6	24.8

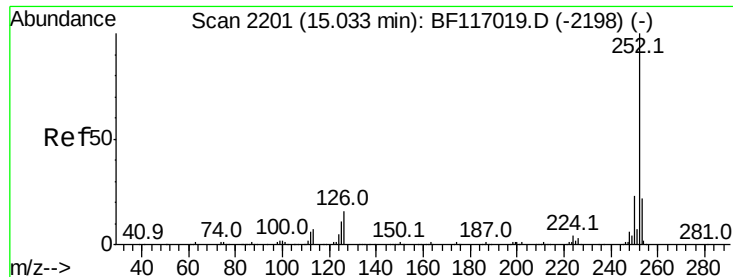


#88
Benzo(b)fluoranthene
Concen: 38.947 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Tgt Ion:252 Resp: 189339

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	9.6	8.6	12.8

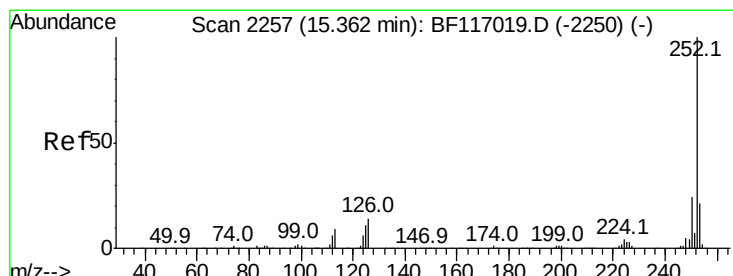
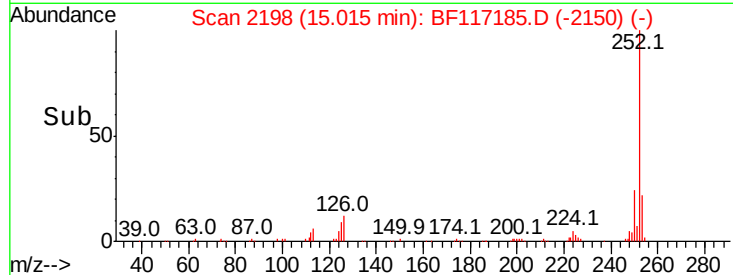
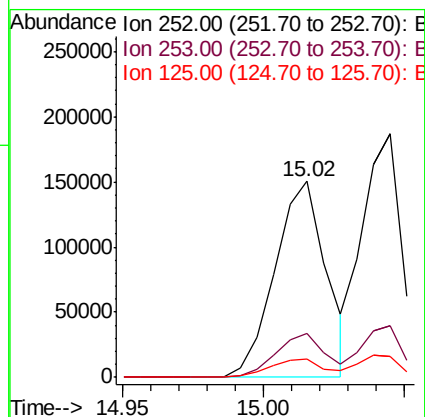
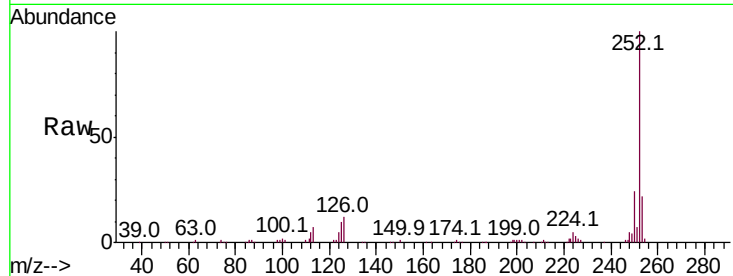




#89
Benzo(k)fluoranthene
Concen: 41.115 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

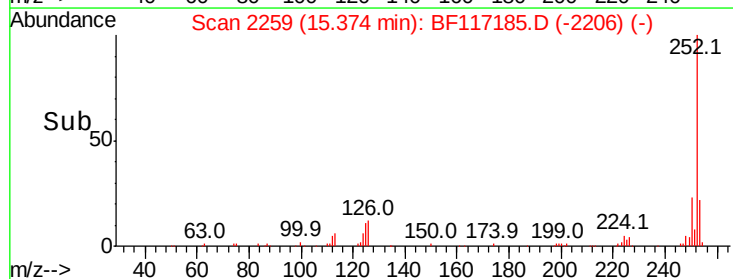
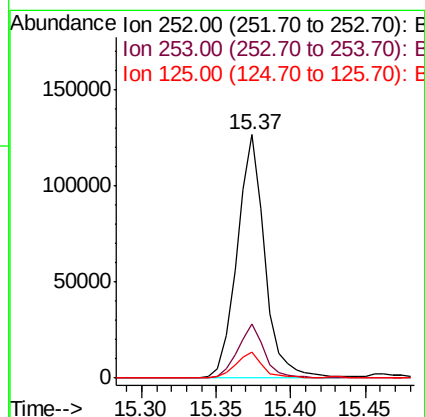
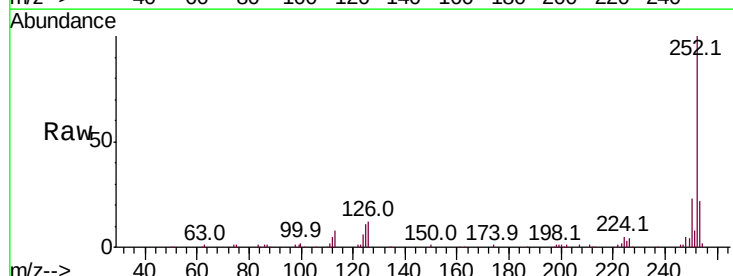
Instrument :
BNA_F
ClientSampled :

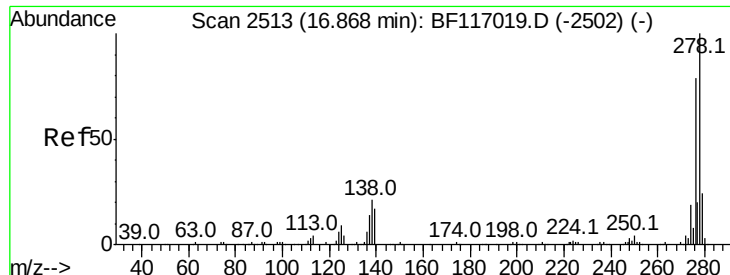
Tot Ion:252 Resp: 189339
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 9.6 8.8 13.2



#90
Benzo(a)pyrene
Concen: 38.349 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117185.D
Acq: 20 Sep 2019 13:57

Tgt Ion:252 Resp: 163594
Ion Ratio Lower Upper
252 100
253 22.0 16.6 25.0
125 10.7 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 42.300 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.02 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

Instrument :

BNA_F

ClientSampleId :

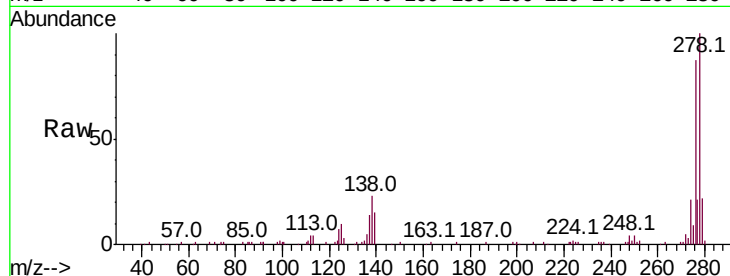
Tot Ion:278 Resp: 143752

Ion Ratio Lower Upper

278 100

139 15.1 13.5 20.3

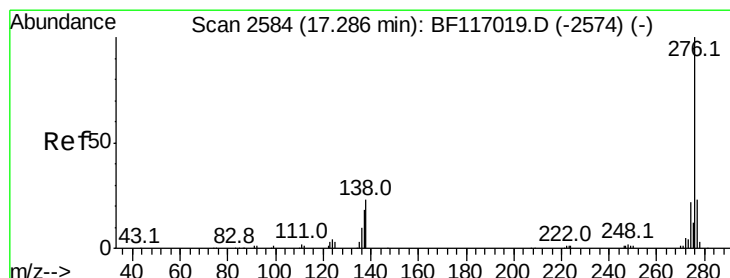
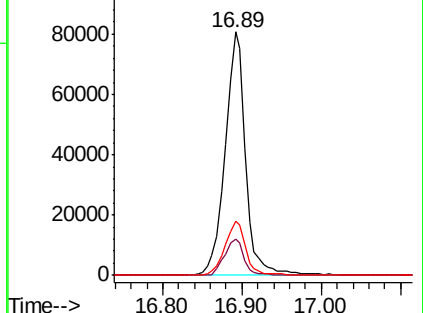
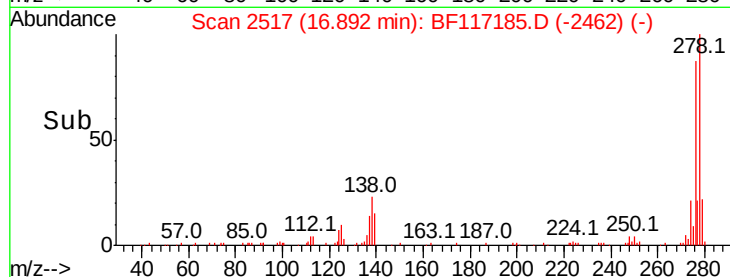
279 22.2 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.189 ng

RT: 17.32 min Scan# 2590

Delta R.T. 0.04 min

Lab File: BF117185.D

Acq: 20 Sep 2019 13:57

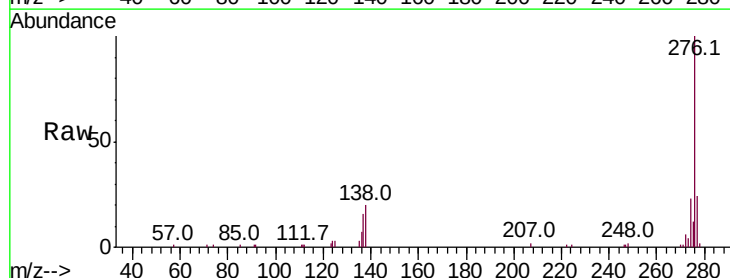
Tgt Ion:276 Resp: 125939

Ion Ratio Lower Upper

276 100

277 23.6 18.6 27.8

138 20.1 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

