

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111319\
 Data File : BF117781.D
 Acq On : 13 Nov 2019 17:45
 Operator : JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 13 18:12:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 16:36:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	285152	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	990167	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	503282	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	953323	20.00	ng	0.00
76) Chrysene-d12	14.12	240	512034	20.00	ng	0.00
87) Perylene-d12	15.63	264	492826	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	2527783	160.46	ng	0.01
7) Phenol-d6	6.56	99	3099979	159.60	ng	0.02
23) Nitrobenzene-d5	7.50	82	3094370	184.50	ng	0.01
42) 2,4,6-Tribromophenol	10.78	330	978148	198.68	ng	0.01
45) 2-Fluorobiphenyl	9.30	172	4715730	184.87	ng	0.01
79) Terphenyl-d14	13.07	244	4838267	194.52	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	655983	83.575	ng	99
3) Pyridine	3.50	79	1791988	83.001	ng	98
4) n-Nitrosodimethylamine	3.48	42	788777	82.904	ng	99
6) Aniline	6.60	93	2214429	81.234	ng	99
8) 2-Chlorophenol	6.72	128	1437646	82.038	ng	99
9) Benzaldehyde	6.48	77	817284	60.472	ng	98
10) Phenol	6.57	94	1668640	79.725	ng	88
11) bis(2-Chloroethyl)ether	6.67	93	1372421	79.408	ng	99
12) 1,3-Dichlorobenzene	6.87	146	1690004	83.196	ng	97
13) 1,4-Dichlorobenzene	6.95	146	1697142	83.463	ng	99
14) 1,2-Dichlorobenzene	7.10	146	1513966	80.862	ng	97
15) Benzyl Alcohol	7.07	79	1278077	82.524	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	2041927	74.723	ng	97
17) 2-Methylphenol	7.17	107	1285629	85.419	ng	98
18) Hexachloroethane	7.45	117	649790	86.451	ng	93
19) n-Nitroso-di-n-propylamine	7.36	70	1032179	80.818	ng	99
20) 3+4-Methylphenols	7.34	107	1385501	77.308	ng	# 84
22) Acetophenone	7.35	105	1943401	85.875	ng	98
24) Nitrobenzene	7.52	77	1561944	89.187	ng	99
25) Isophorone	7.76	82	2916028	90.906	ng	99
26) 2-Nitrophenol	7.83	139	834684	102.662	ng	97
27) 2,4-Dimethylphenol	7.87	122	1227884	89.566	ng	100
28) bis(2-Chloroethoxy)methane	7.96	93	1757335	85.344	ng	100
29) 2,4-Dichlorophenol	8.07	162	1283965	90.907	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	1445425	89.396	ng	98
31) Naphthalene	8.25	128	3833934	84.712	ng	97
32) Benzoic acid	8.03	122	1181230	108.849	ng	99
33) 4-Chloroaniline	8.29	127	1900251	90.359	ng	98
34) Hexachlorobutadiene	8.36	225	855928	92.441	ng	100
35) Caprolactam	8.69	113	348427	74.429	ng	99
36) 4-Chloro-3-methylphenol	8.77	107	1341372	94.116	ng	100
37) 2-Methylnaphthalene	8.93	142	2646107	85.881	ng	98
38) 1-Methylnaphthalene	9.03	142	2513872	85.916	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	1290968	93.762	ng	99

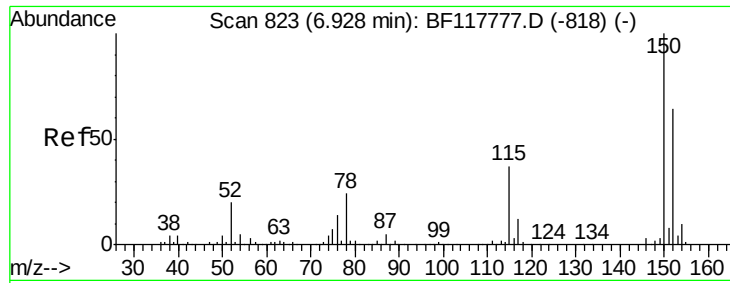
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111319\
 Data File : BF117781.D
 Acq On : 13 Nov 2019 17:45
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	797435	107.357	ng	98
43) 2,4,6-Trichlorophenol	9.21	196	995592	99.283	ng	98
44) 2,4,5-Trichlorophenol	9.25	196	1011749	99.538	ng	98
46) 1,1'-Biphenyl	9.40	154	3111442	88.273	ng	96
47) 2-Chloronaphthalene	9.43	162	2703999	92.442	ng	96
48) 2-Nitroaniline	9.52	65	908096	99.067	ng	98
49) Acenaphthylene	9.85	152	3752373	88.087	ng	95
50) Dimethylphthalate	9.71	163	3227040	94.847	ng	99
51) 2,6-Dinitrotoluene	9.77	165	743890	97.641	ng	92
52) Acenaphthene	10.02	154	2531429	92.093	ng	98
53) 3-Nitroaniline	9.94	138	894733	97.343	ng	99
54) 2,4-Dinitrophenol	10.04	184	410290	157.084	ng	# 90
55) Dibenzofuran	10.19	168	3319176	86.294	ng	95
56) 4-Nitrophenol	10.09	139	672895	97.345	ng	96
57) 2,4-Dinitrotoluene	10.17	165	966116	98.854	ng	98
58) Fluorene	10.53	166	2512418	88.627	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	829234	98.140	ng	98
60) Diethylphthalate	10.40	149	3058571	91.409	ng	97
61) 4-Chlorophenyl-phenylether	10.52	204	1309294	88.724	ng	94
62) 4-Nitroaniline	10.56	138	926441	102.406	ng	98
63) Azobenzene	10.69	77	2716595	85.719	ng	94
65) 4,6-Dinitro-2-methylphenol	10.59	198	503019	132.141	ng	93
66) n-Nitrosodiphenylamine	10.65	169	2446005	86.872	ng	99
67) 4-Bromophenyl-phenylether	11.02	248	907294	87.144	ng	94
68) Hexachlorobenzene	11.09	284	1067777	88.779	ng	95
69) Atrazine	11.17	200	799824	86.203	ng	99
70) Pentachlorophenol	11.27	266	664464	98.826	ng	98
71) Phenanthrene	11.50	178	3882335	84.963	ng	98
72) Anthracene	11.55	178	3798085	83.546	ng	96
73) Carbazole	11.70	167	3510223	84.465	ng	96
74) Di-n-butylphthalate	12.03	149	4031845	79.785	ng	97
75) Fluoranthene	12.69	202	3843470	82.375	ng	95
77) Benzidine	12.80	184	1215096	68.257	ng	# 96
78) Pyrene	12.92	202	3823017	102.280	ng	96
80) Butylbenzylphthalate	13.53	149	1740148	100.791	ng	92
81) Benzo(a)anthracene	14.11	228	3068127	96.264	ng	97
82) 3,3'-Dichlorobenzidine	14.07	252	1029652	86.500	ng	97
83) Chrysene	14.15	228	2960765	94.067	ng	98
84) Bis(2-ethylhexyl)phthalate	14.09	149	2038907	91.551	ng	99
85) Di-n-octyl phthalate	14.72	149	3018530	86.132	ng	99
86) Indeno(1,2,3-cd)pyrene	17.17	276	3171154	108.248	ng	99
88) Benzo(b)fluoranthene	15.19	252	2905705	93.615	ng	99
89) Benzo(k)fluoranthene	15.22	252	2691233	97.215	ng	98
90) Benzo(a)pyrene	15.57	252	2630231	97.753	ng	99
91) Dibenzo(a,h)anthracene	17.20	278	2490096	103.187	ng	100
92) Benzo(g,h,i)perylene	17.64	276	2561257	109.517	ng	98

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

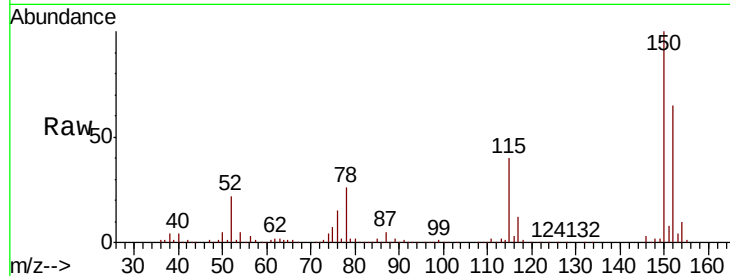


#1

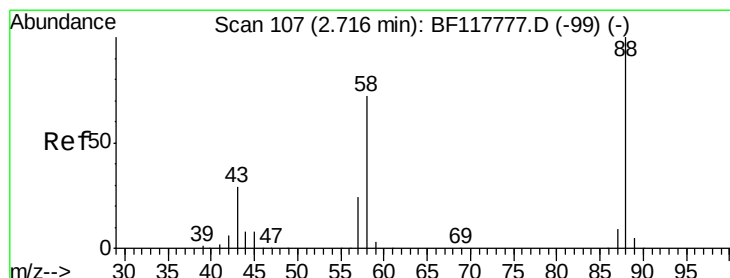
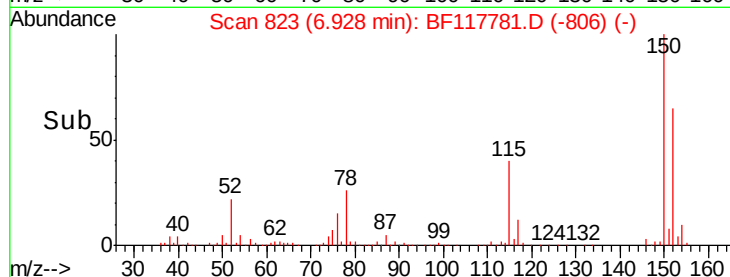
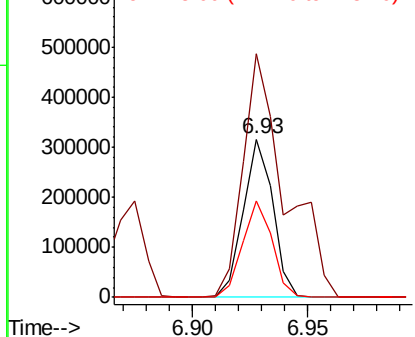
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 285152
Ion Ratio Lower Upper
152 100
150 154.0 125.3 187.9
115 60.9 47.0 70.4



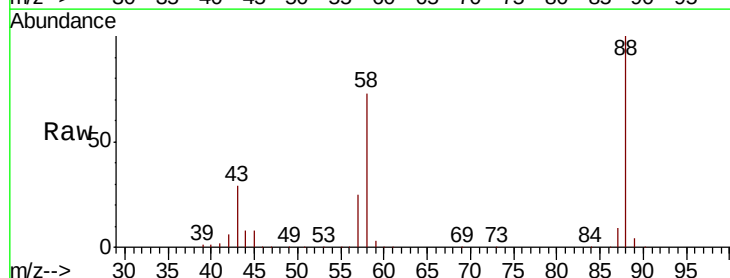
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



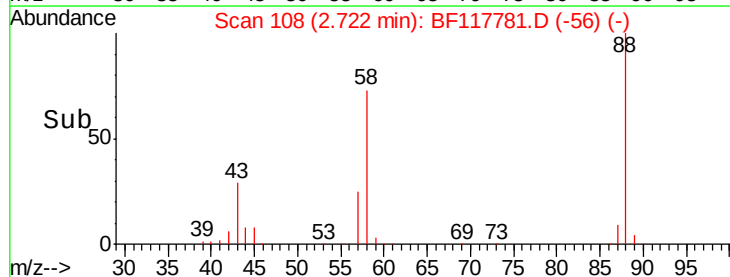
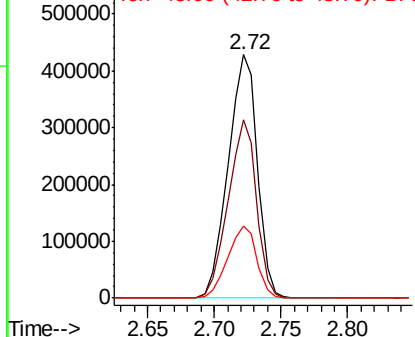
#2

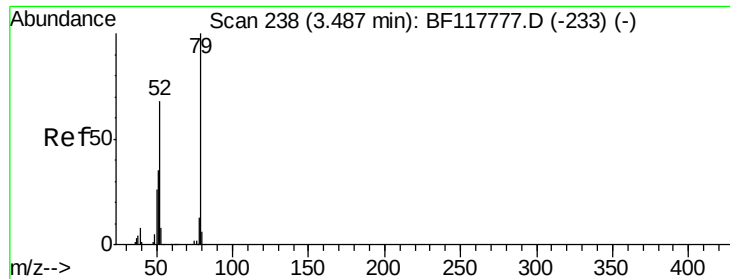
1,4-Dioxane
Concen: 83.575 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Tgt Ion: 88 Resp: 655983
Ion Ratio Lower Upper
88 100
58 71.2 58.2 87.2
43 29.2 23.3 34.9



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: 83.001 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.01 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

Instrument :

BNA_F

ClientSampleId :

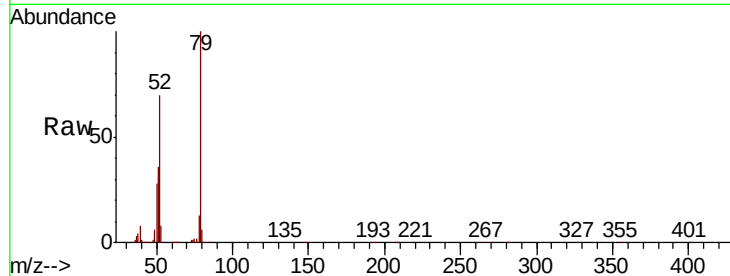
Tot Ion: 79 Resp: 1791988

Ion Ratio Lower Upper

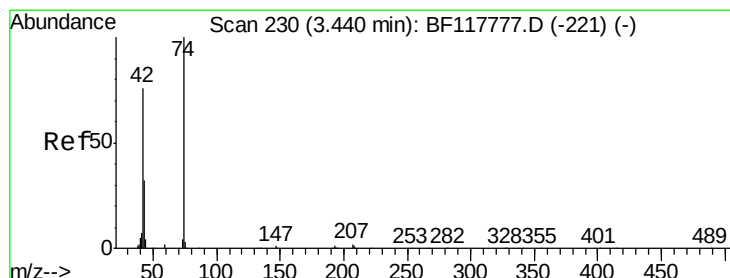
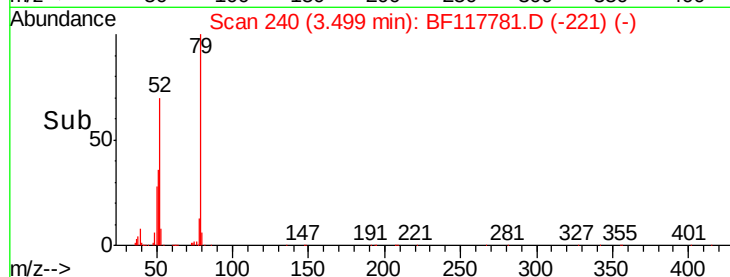
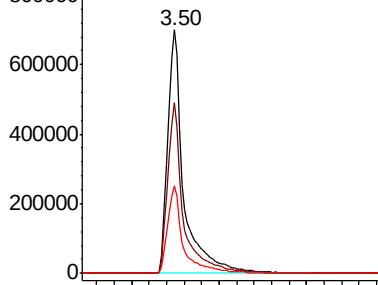
79 100

52 70.0 54.8 82.2

51 35.9 28.2 42.4



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: 82.904 ng

RT: 3.48 min Scan# 236

Delta R.T. 0.04 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

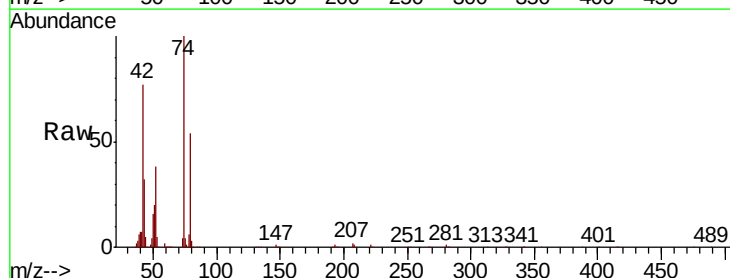
Tgt Ion: 42 Resp: 788777

Ion Ratio Lower Upper

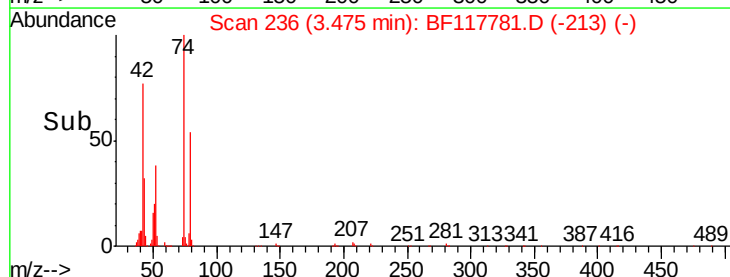
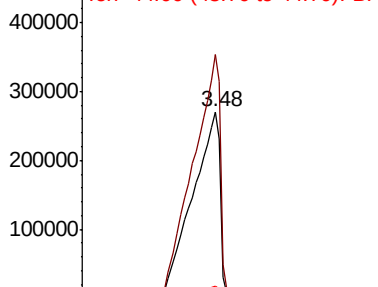
42 100

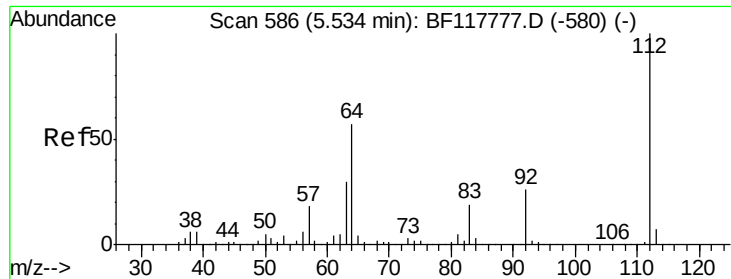
74 130.5 105.1 157.7

44 6.1 4.6 7.0



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: 160.464 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

Instrument :

BNA_F

ClientSampled :

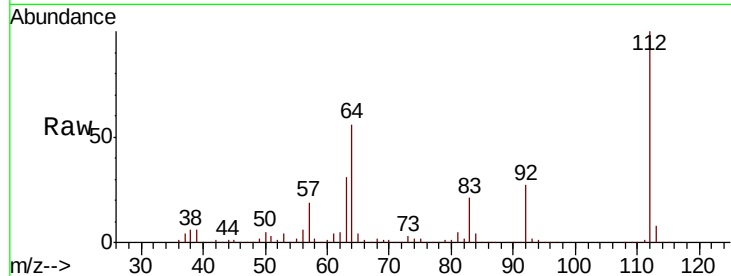
Tot Ion:112 Resp: 2527783

Ion Ratio Lower Upper

112 100

64 56.3 45.6 68.4

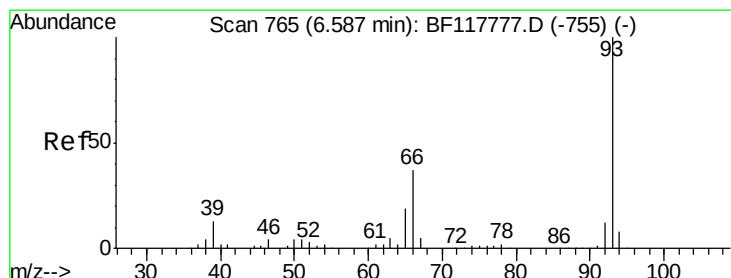
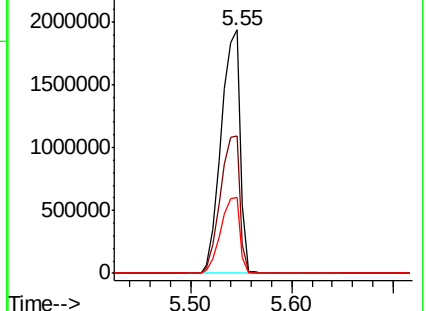
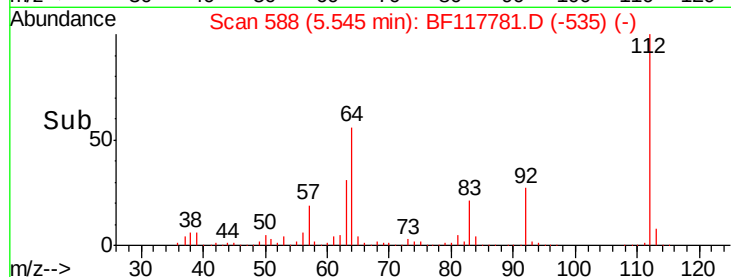
63 31.2 24.1 36.1



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: 81.234 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.02 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

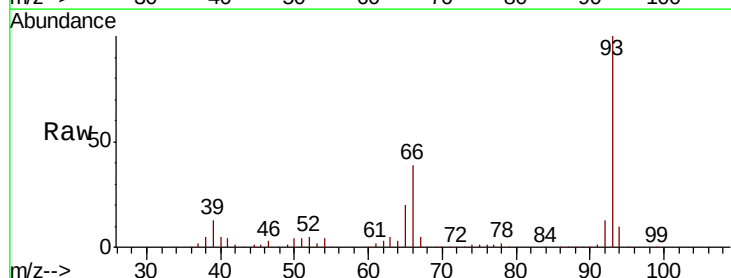
Tgt Ion: 93 Resp: 2214429

Ion Ratio Lower Upper

93 100

66 39.3 30.6 45.8

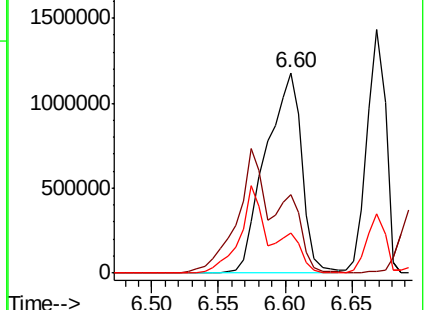
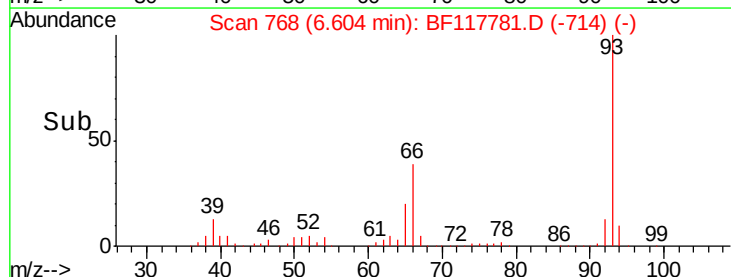
65 19.8 15.6 23.4

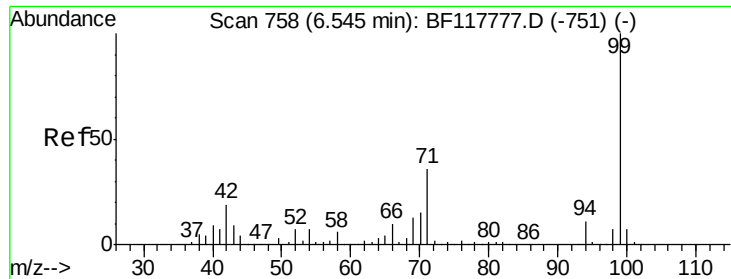


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 159.597 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.02 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

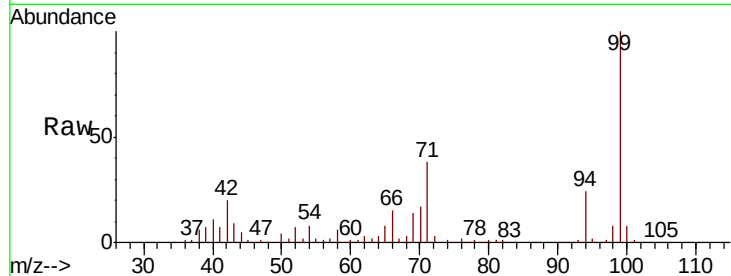
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 3099979

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.9	22.3
71	37.8	28.6	43.0

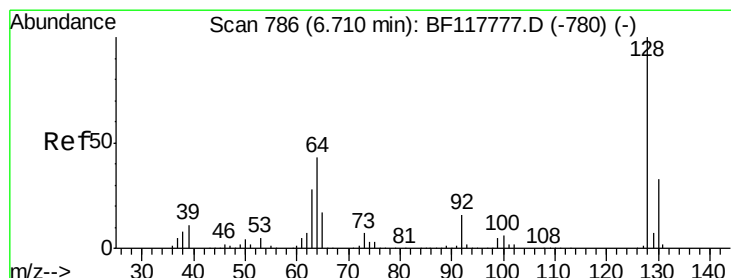
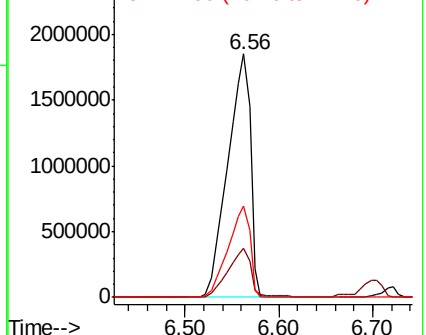
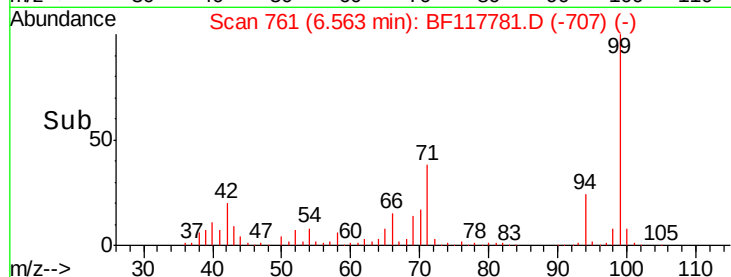


Abundance

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: 82.038 ng

RT: 6.72 min Scan# 788

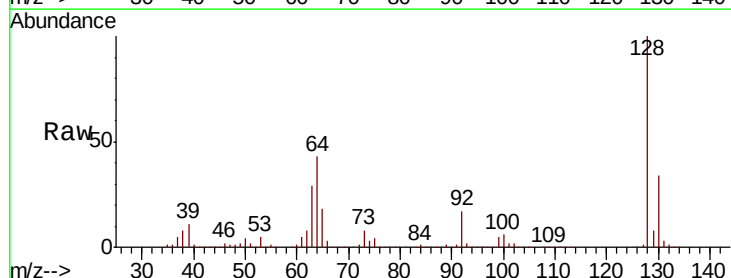
Delta R.T. 0.01 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

Tgt Ion: 128 Resp: 1437646

Ion	Ratio	Lower	Upper
128	100		
130	34.3	13.2	53.2
64	43.3	23.7	63.7

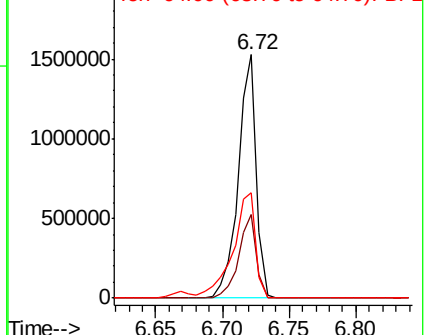
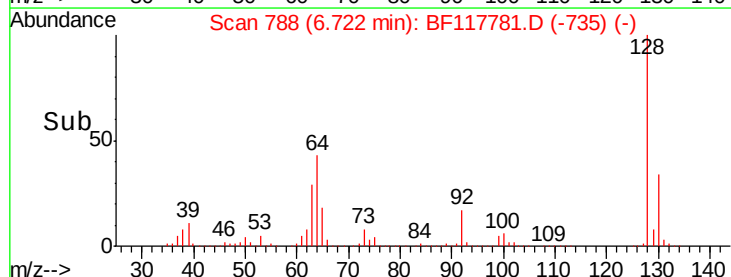


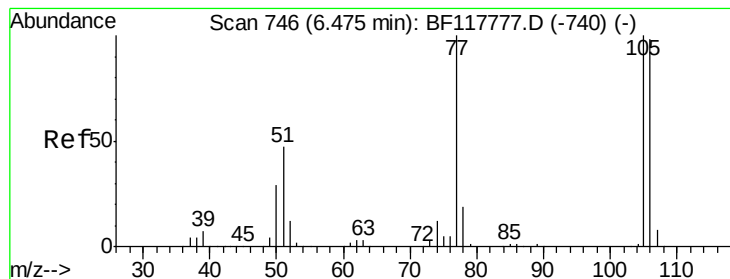
Abundance

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: 60.472 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

Instrument :

BNA_F

ClientSampled :

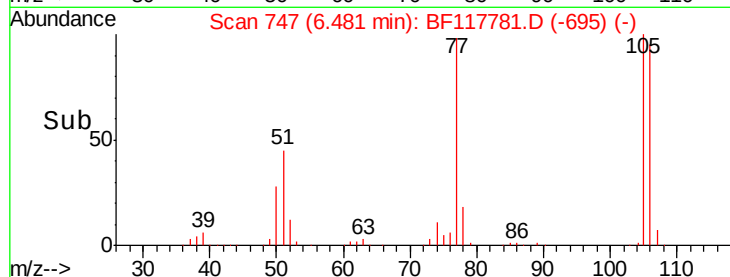
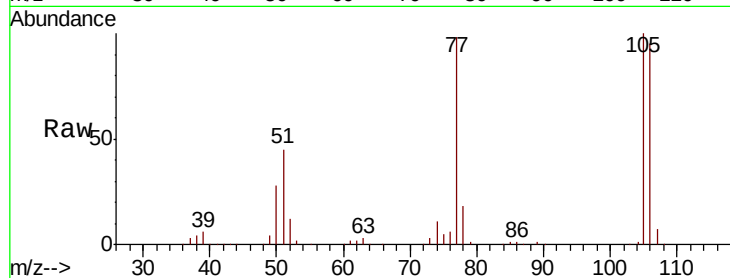
Tot Ion: 77 Resp: 817284

Ion Ratio Lower Upper

77 100

105 101.9 80.2 120.2

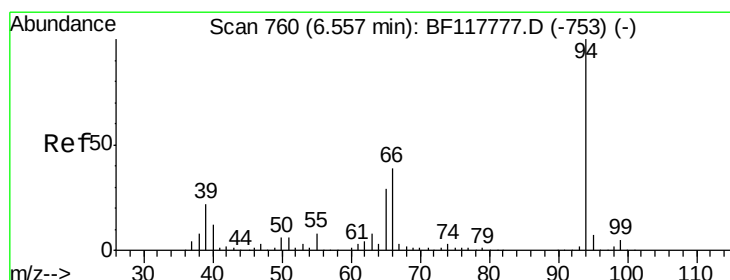
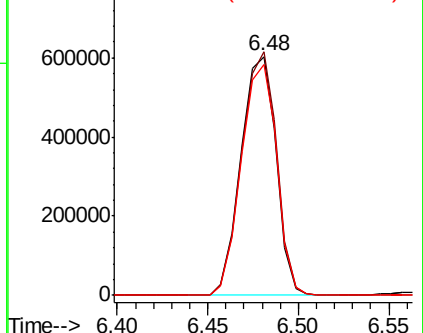
106 96.8 78.4 118.4



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: 79.725 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.02 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

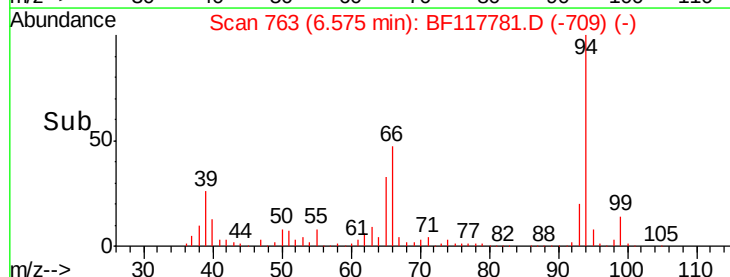
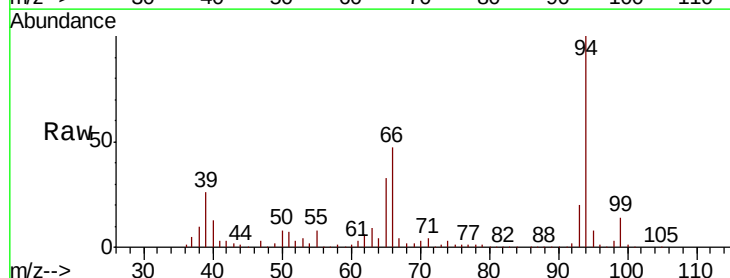
Tgt Ion: 94 Resp: 1668640

Ion Ratio Lower Upper

94 100

65 33.1 8.9 48.9

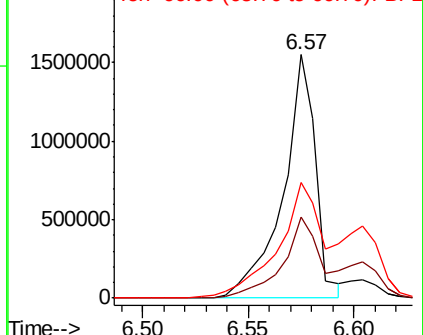
66 47.4 18.7 58.7

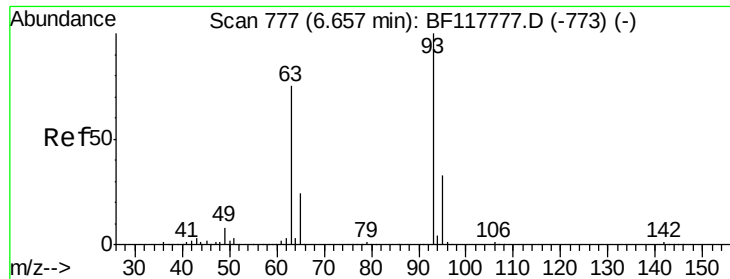


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

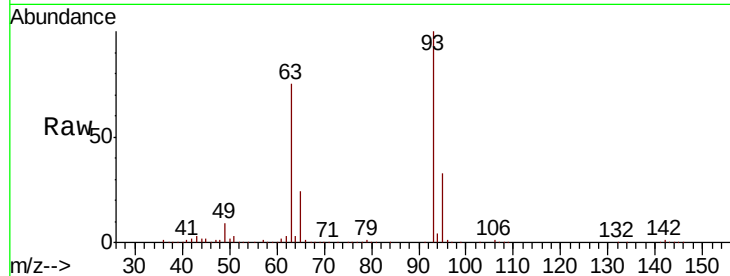




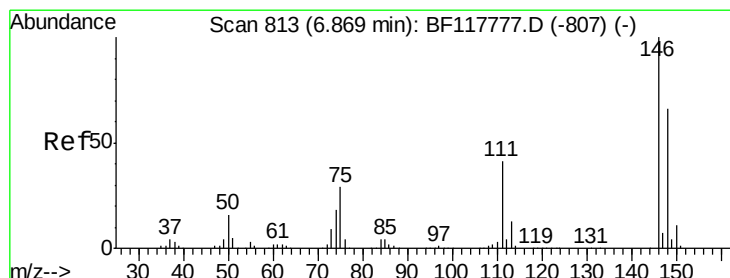
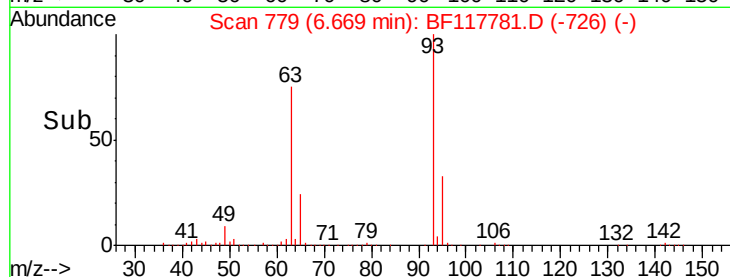
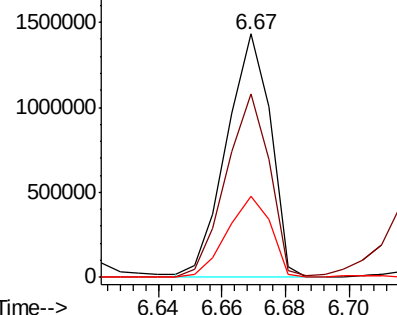
#11
bis(2-Chloroethyl)ether
Concen: 79.408 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 1372421
Ion Ratio Lower Upper
93 100
63 75.3 54.8 94.8
95 33.2 12.7 52.7

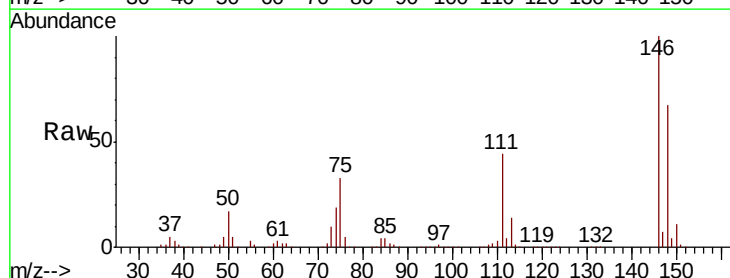


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

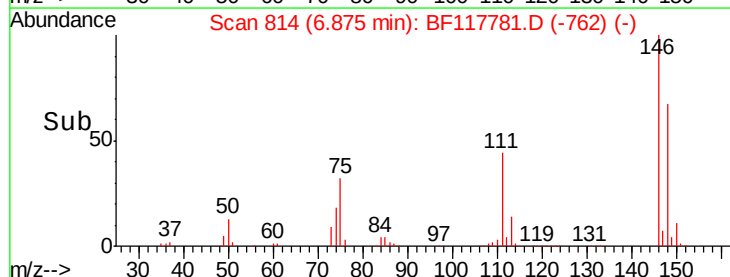
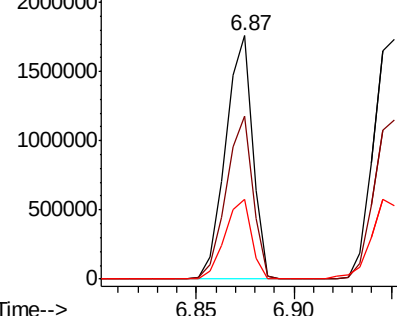


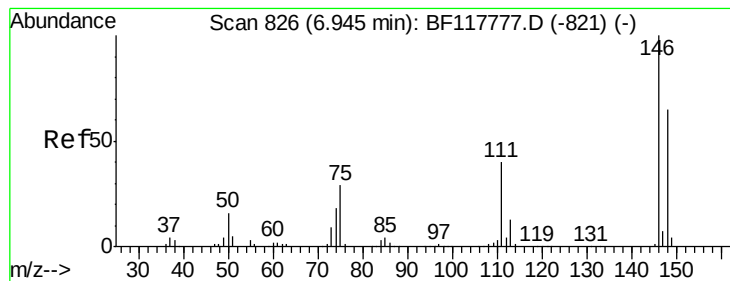
#12
1,3-Dichlorobenzene
Concen: 83.196 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Tgt Ion: 146 Resp: 1690004
Ion Ratio Lower Upper
146 100
148 66.8 52.8 79.2
75 32.5 23.4 35.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

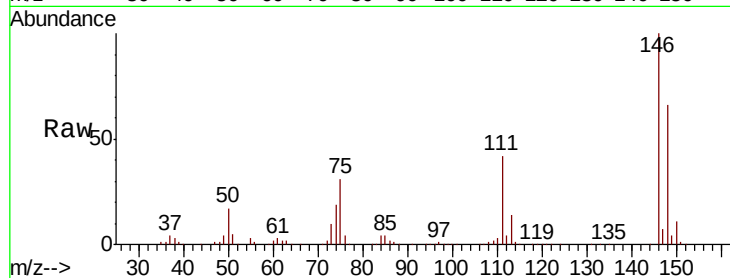




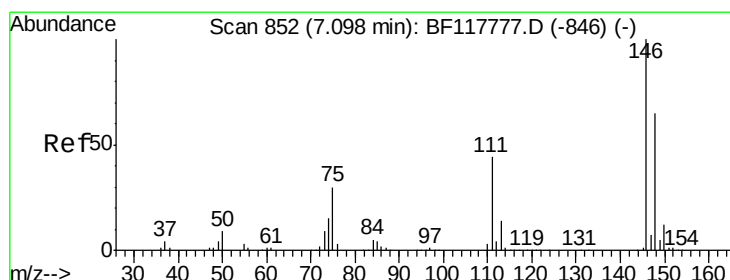
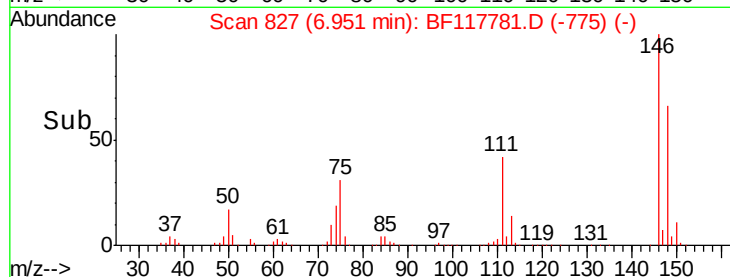
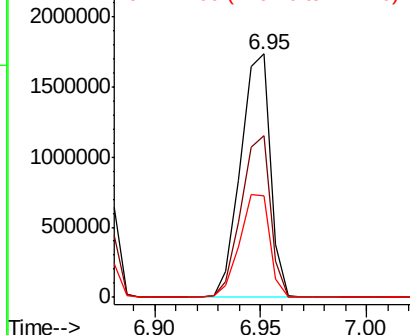
#13
 1,4-Dichlorobenzene
 Concen: 83.463 ng
 RT: 6.95 min Scan# 827
 Delta R.T. 0.01 min
 Lab File: BF117781.D
 Acq: 13 Nov 2019 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 1697142
 Ion Ratio Lower Upper
 146 100
 148 66.2 52.3 78.5
 111 41.5 32.2 48.4

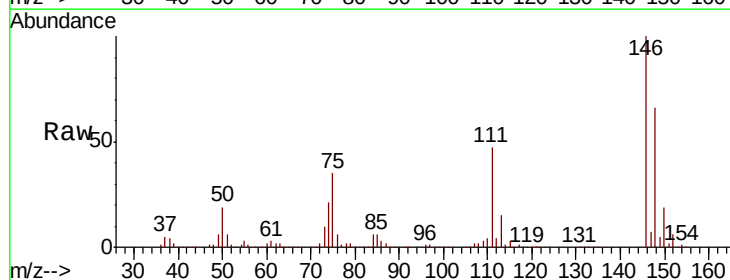


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

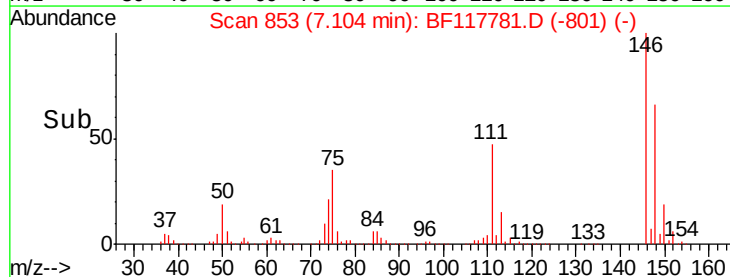
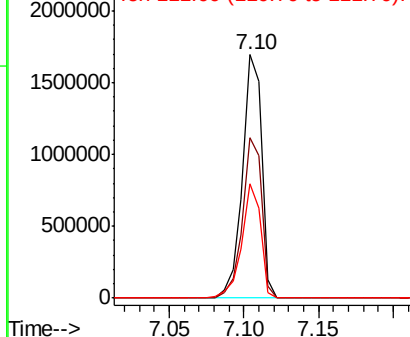


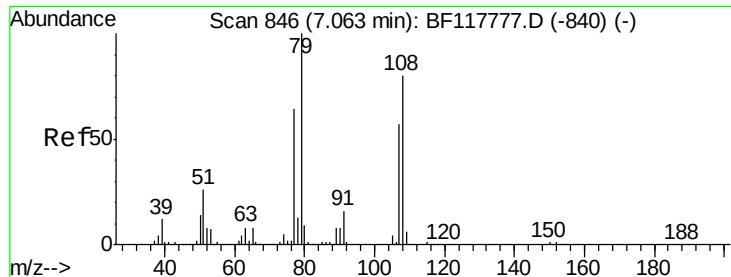
#14
 1,2-Dichlorobenzene
 Concen: 80.862 ng
 RT: 7.10 min Scan# 853
 Delta R.T. 0.01 min
 Lab File: BF117781.D
 Acq: 13 Nov 2019 17:45

Tgt Ion:146 Resp: 1513966
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.8 77.8
 111 46.8 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





#15

Benzyl Alcohol

Concen: 82.524 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

Instrument :

BNA_F

ClientSampleId :

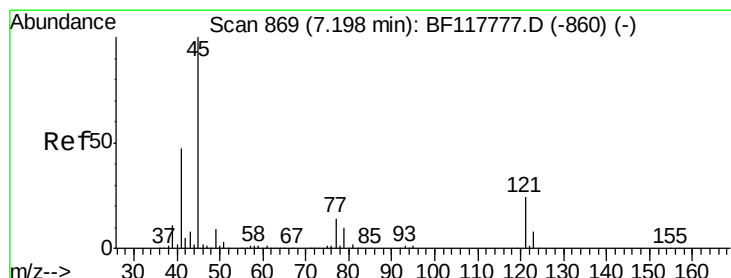
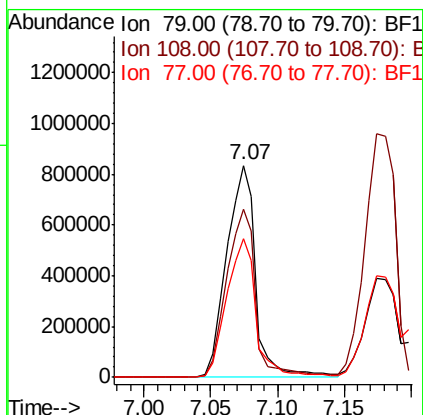
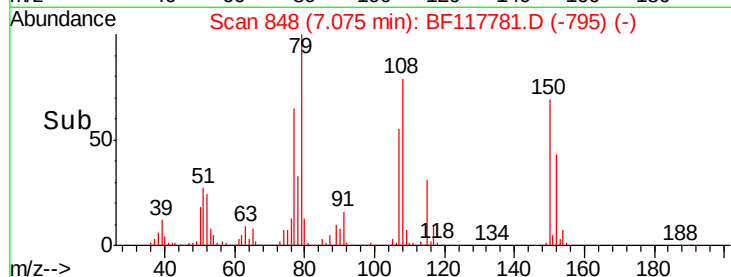
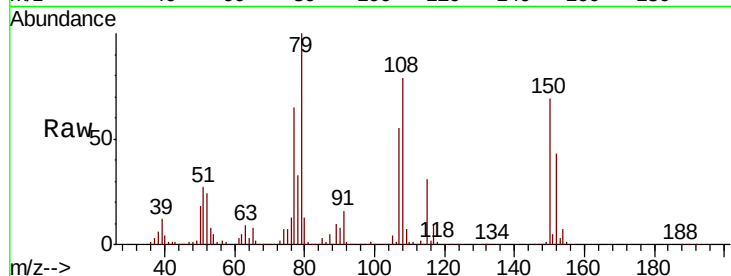
Tot Ion: 79 Resp: 1278077

Ion Ratio Lower Upper

79 100

108 79.0 64.1 96.1

77 65.0 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 74.723 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.01 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

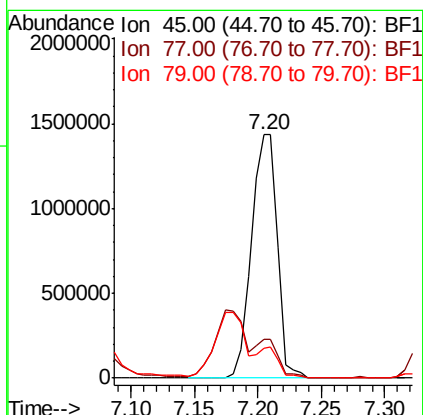
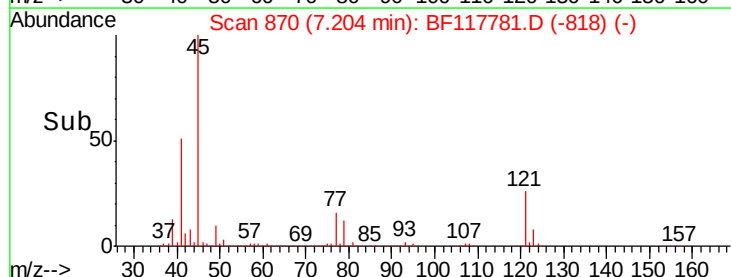
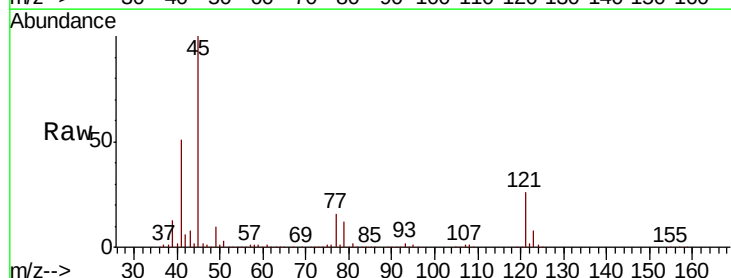
Tgt Ion: 45 Resp: 2041927

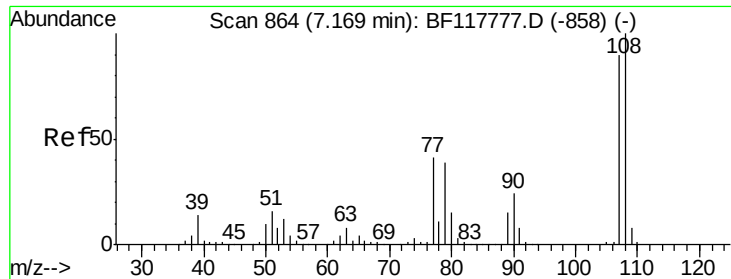
Ion Ratio Lower Upper

45 100

77 16.1 0.0 35.0

79 12.4 0.0 31.1

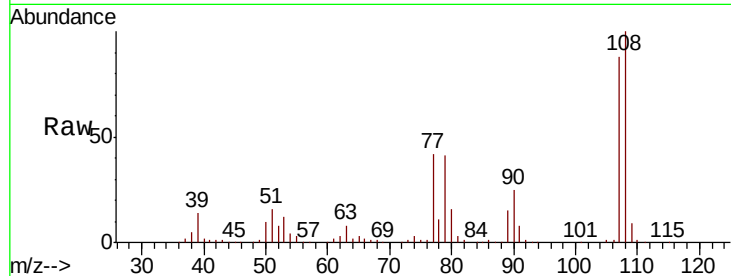




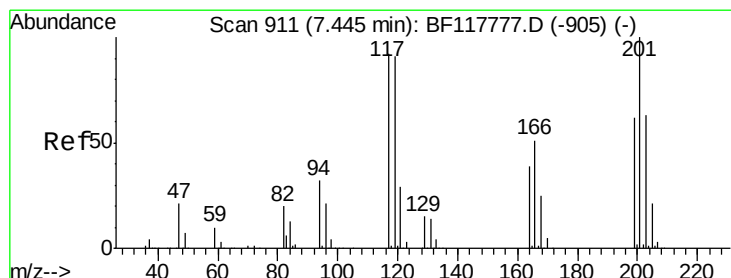
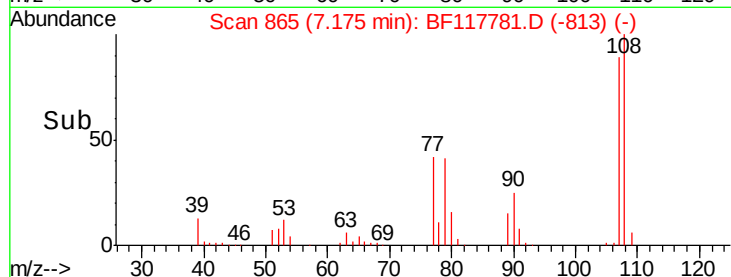
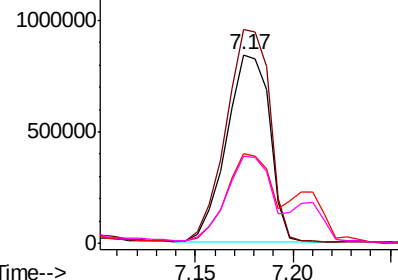
#17
2-Methylphenol
Concen: 85.419 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 1285629
Ion Ratio Lower Upper
107 100
108 113.2 89.1 133.7
77 47.2 36.6 54.8
79 46.1 35.2 52.8

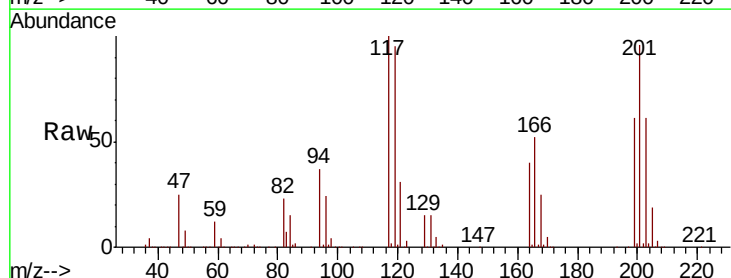


Abundance Ion 107.00 (106.70 to 107.70): E
1500000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

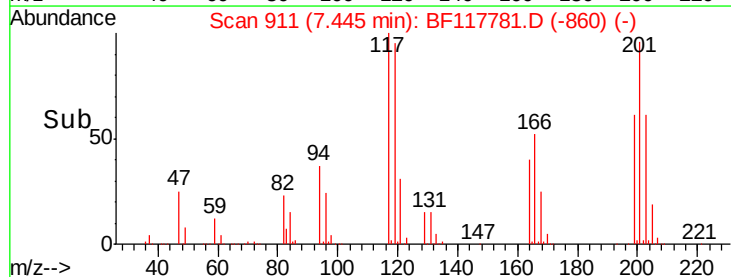
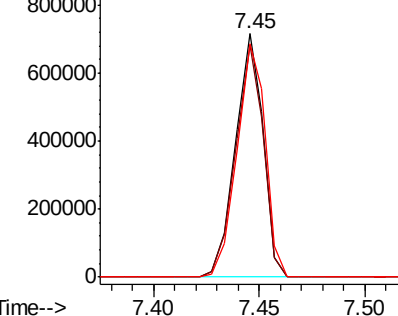


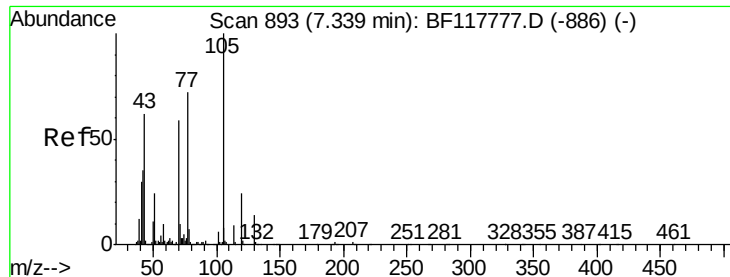
#18
Hexachloroethane
Concen: 86.451 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Tgt Ion:117 Resp: 649790
Ion Ratio Lower Upper
117 100
119 95.3 78.7 118.1
201 96.1 86.5 129.7



Abundance Ion 117.00 (116.70 to 117.70): E
1000000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

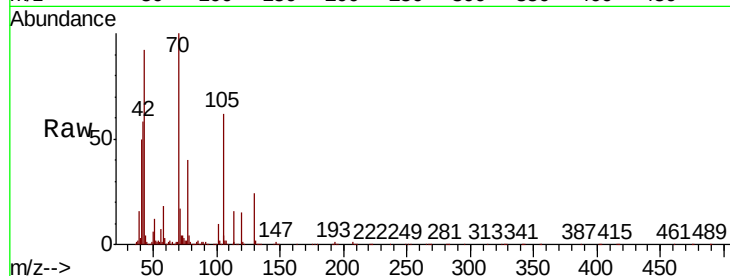




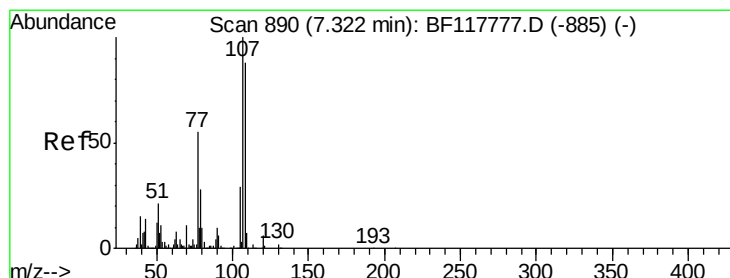
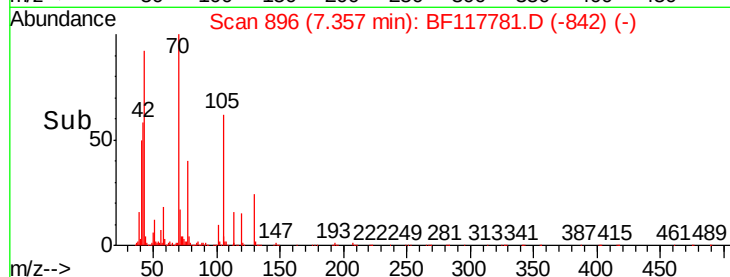
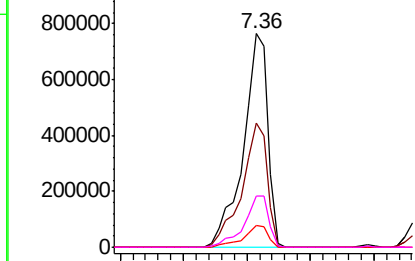
#19
n-Nitroso-di-n-propylamine
Concen: 80.818 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.02 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 1032179
Ion Ratio Lower Upper
70 100
42 58.2 47.4 71.2
101 10.2 8.4 12.6
130 23.7 18.8 28.2

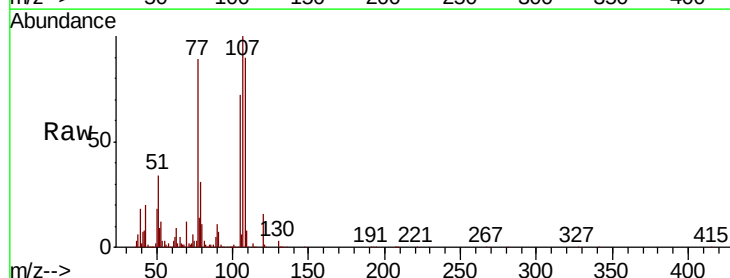


Abundance Ion 70.00 (69.70 to 70.70): BF1
1200000
Ion 42.00 (41.70 to 42.70): BF1
1000000
Ion 101.00 (100.70 to 101.70): E
800000
Ion 130.00 (129.70 to 130.70): E
600000
400000
200000
0

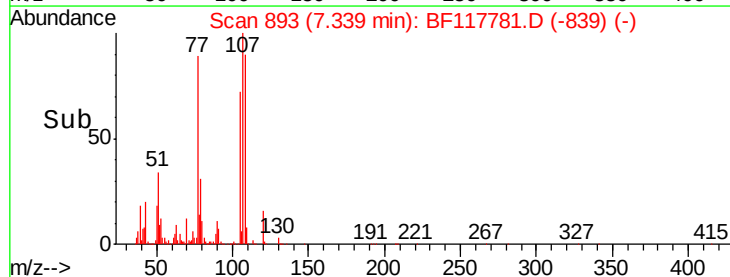
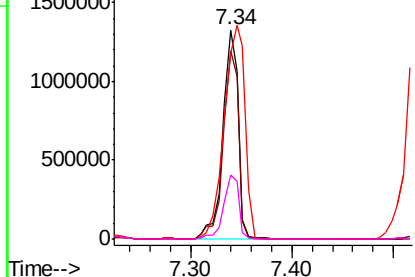


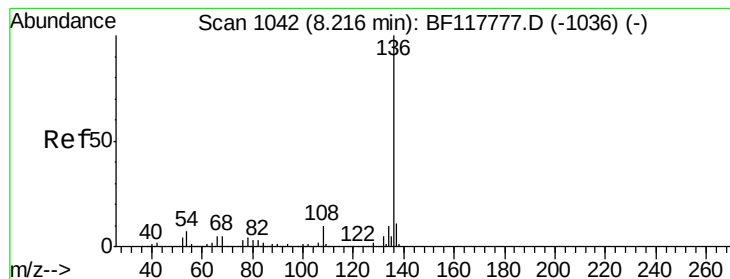
#20
3+4-Methylphenols
Concen: 77.308 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.02 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Tgt Ion:107 Resp: 1385501
Ion Ratio Lower Upper
107 100
108 89.9 68.4 108.4
77 88.9 35.2 75.2#
79 30.8 8.6 48.6



Abundance Ion 107.00 (106.70 to 107.70): E
2000000
Ion 108.00 (107.70 to 108.70): E
1500000
Ion 77.00 (76.70 to 77.70): BF1
1000000
Ion 79.00 (78.70 to 79.70): BF1
500000
0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 990167

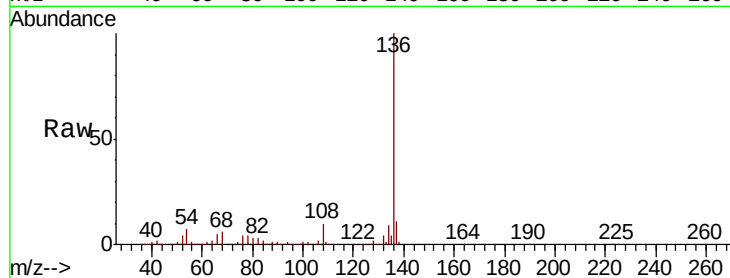
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.4 5.4 8.2

68 5.5 4.3 6.5

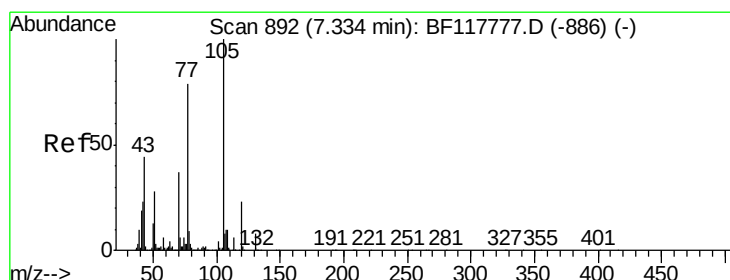
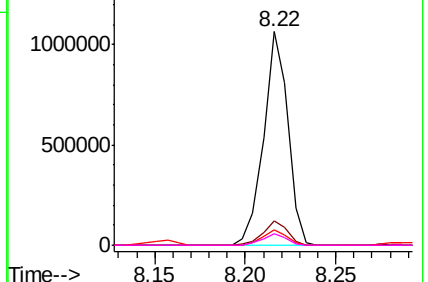
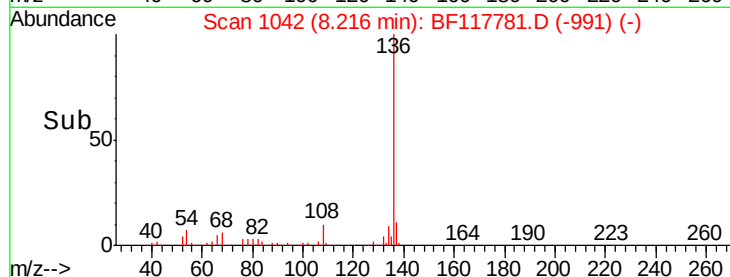


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 85.875 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.02 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

Tgt Ion:105 Resp: 1943401

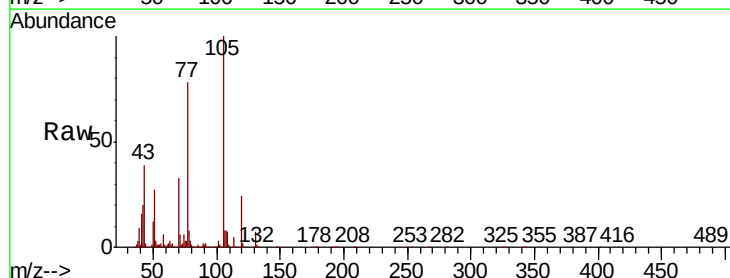
Ion Ratio Lower Upper

105 100

71 5.5 4.9 7.3

51 27.3 22.7 34.1

120 23.9 18.5 27.7

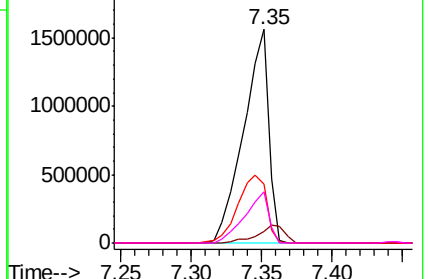
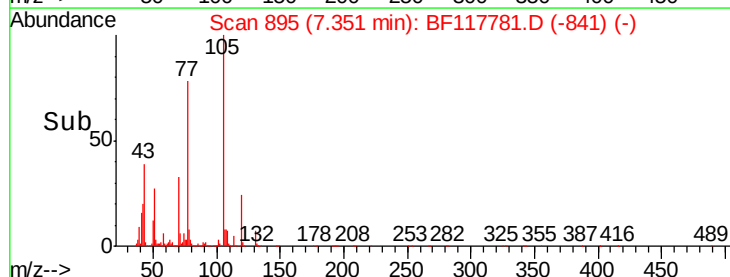


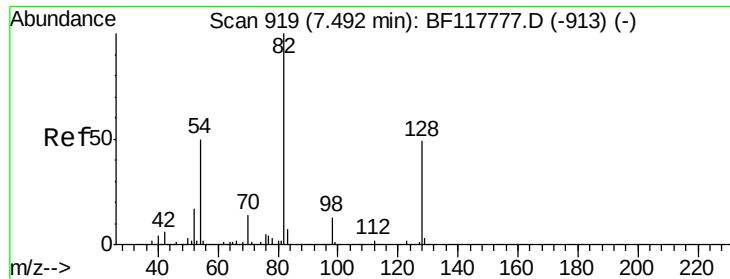
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

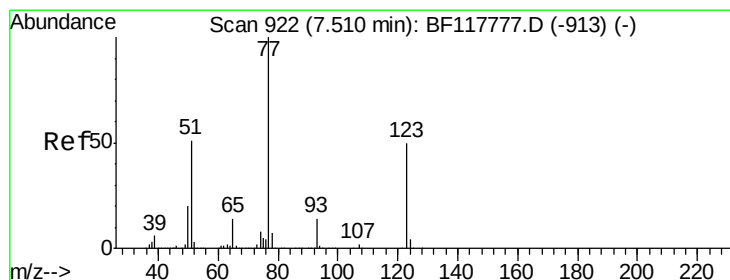
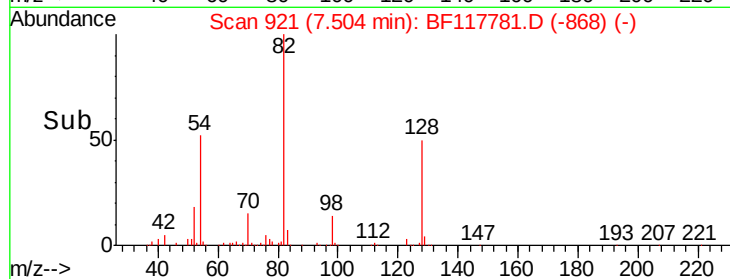
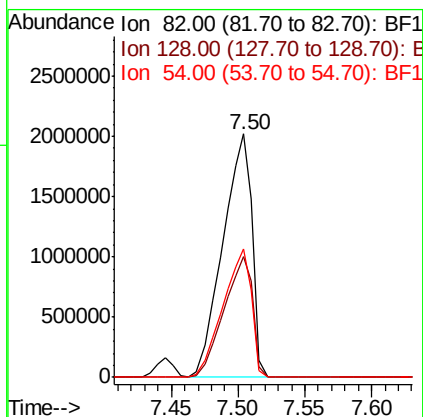
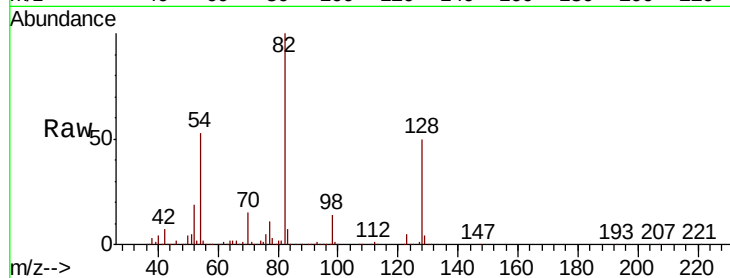




#23
 Nitrobenzene-d5
 Concen: 184.503 ng
 RT: 7.50 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: BF117781.D
 Acq: 13 Nov 2019 17:45

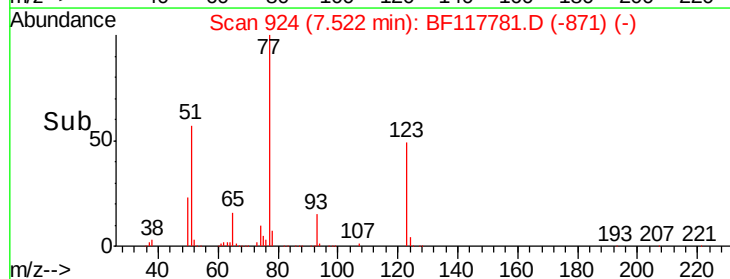
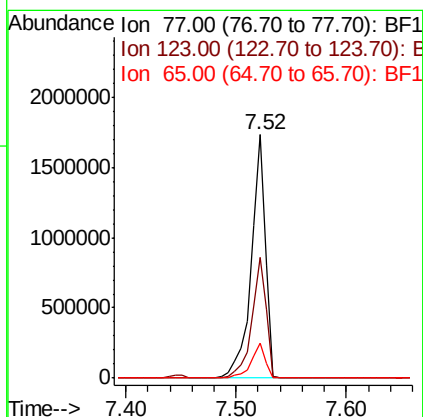
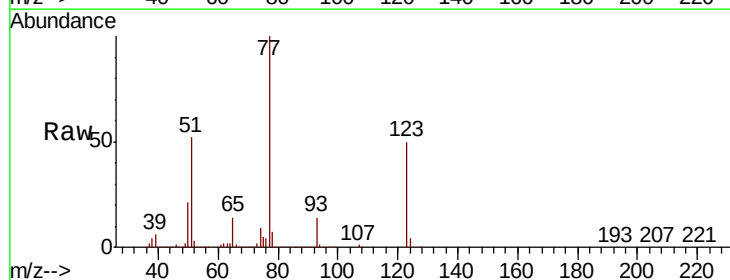
Instrument :
 BNA_F
 ClientSampleId :

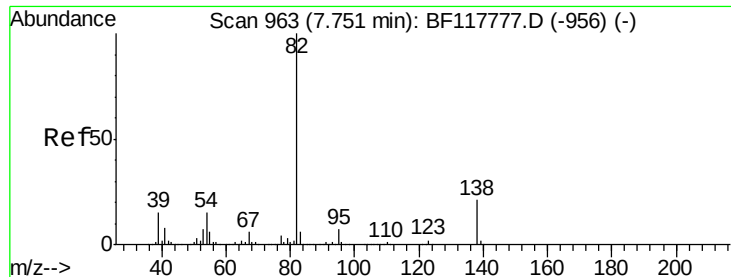
Tot Ion: 82 Resp: 3094370
 Ion Ratio Lower Upper
 82 100
 128 49.8 38.9 58.3
 54 52.6 39.8 59.6



#24
 Nitrobenzene
 Concen: 89.187 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: BF117781.D
 Acq: 13 Nov 2019 17:45

Tgt Ion: 77 Resp: 1561944
 Ion Ratio Lower Upper
 77 100
 123 49.6 40.3 60.5
 65 14.1 10.9 16.3





#25

Isophorone

Concen: 90.906 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

Instrument :

BNA_F

ClientSampleId :

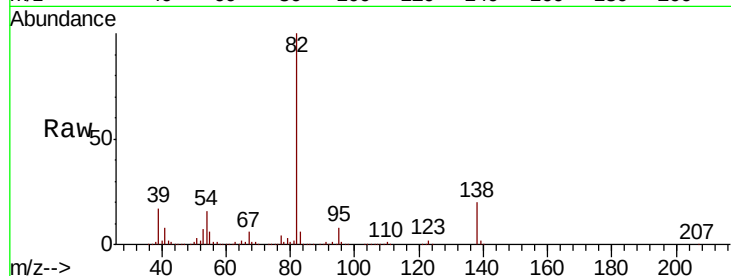
Tot Ion: 82 Resp: 2916028

Ion Ratio Lower Upper

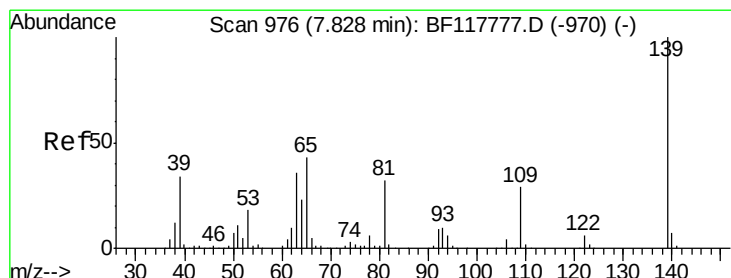
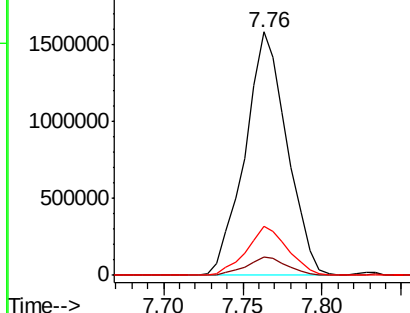
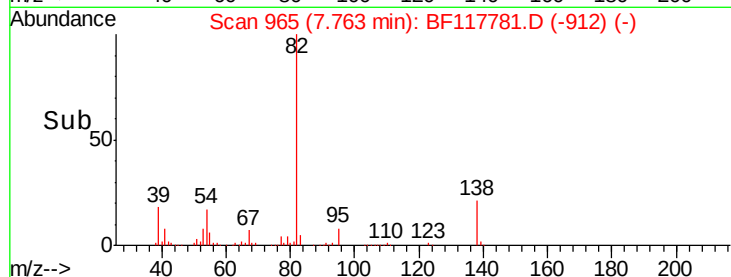
82 100

95 7.7 5.8 8.8

138 20.0 16.5 24.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 102.662 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

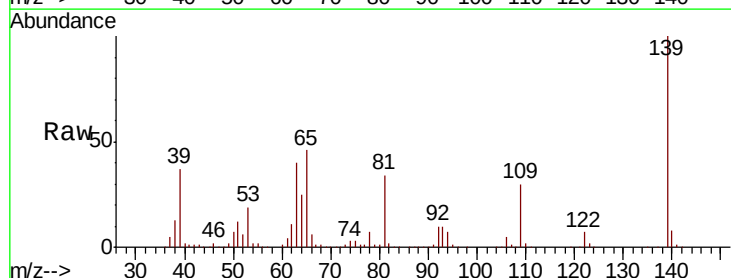
Tgt Ion: 139 Resp: 834684

Ion Ratio Lower Upper

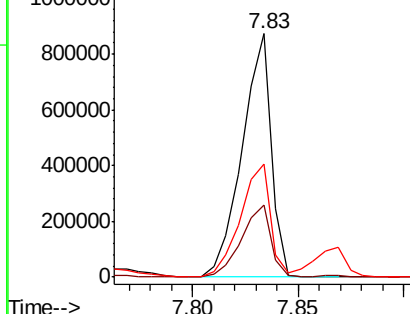
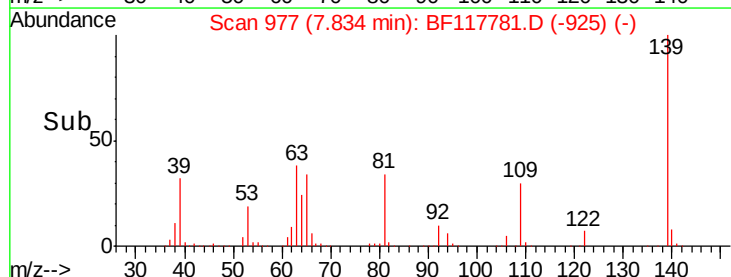
139 100

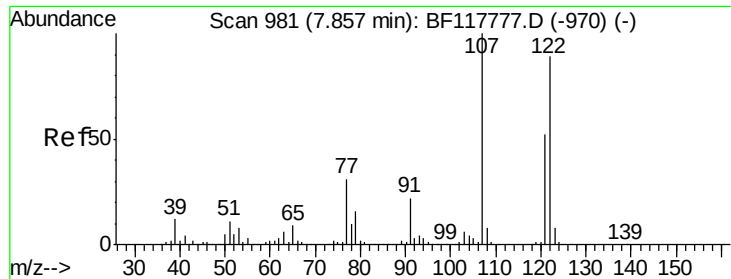
109 29.8 23.0 34.4

65 46.2 34.7 52.1



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

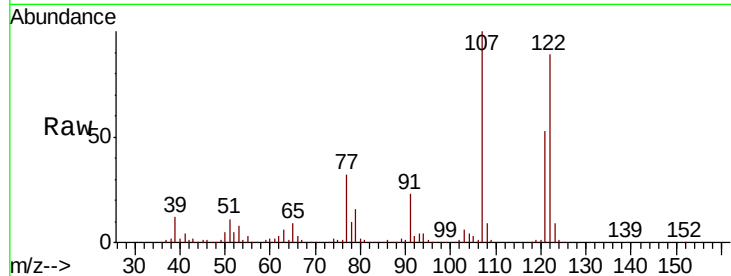




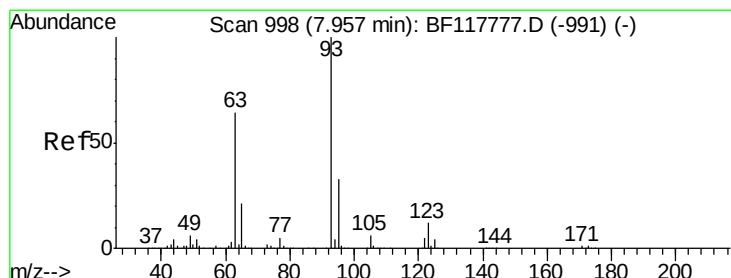
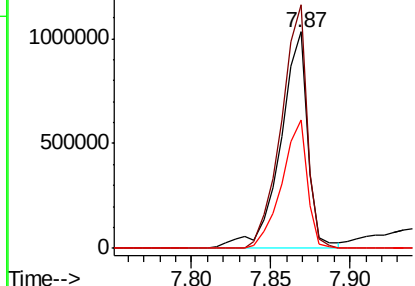
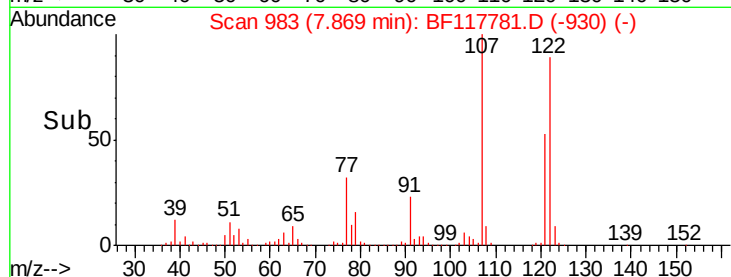
#27
2,4-Dimethylphenol
Concen: 89.566 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 1227884
Ion Ratio Lower Upper
122 100
107 112.5 90.0 135.0
121 59.4 46.7 70.1

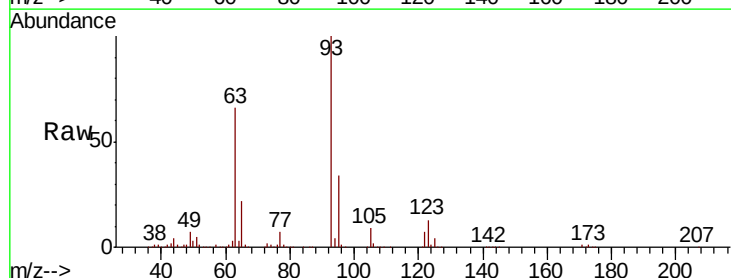


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

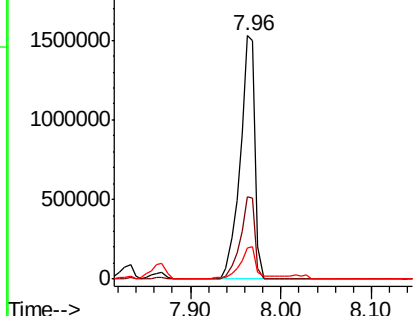
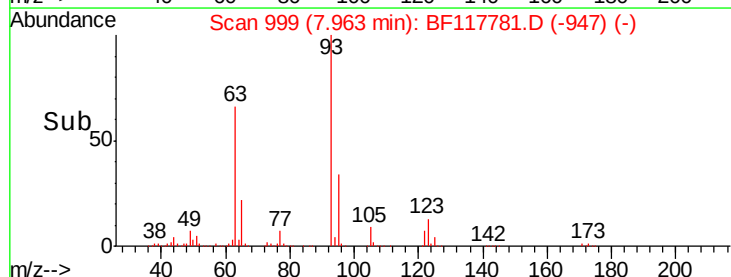


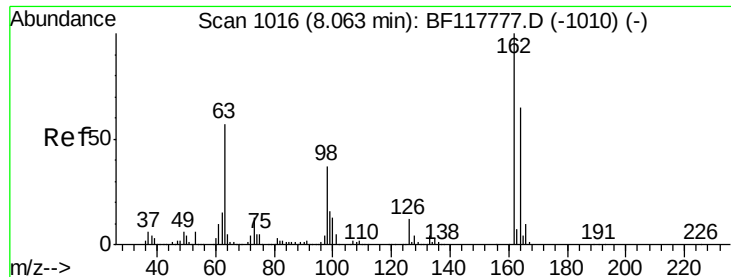
#28
bis(2-Chloroethoxy)methane
Concen: 85.344 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Tgt Ion: 93 Resp: 1757335
Ion Ratio Lower Upper
93 100
95 33.6 26.6 40.0
123 12.9 10.3 15.5



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

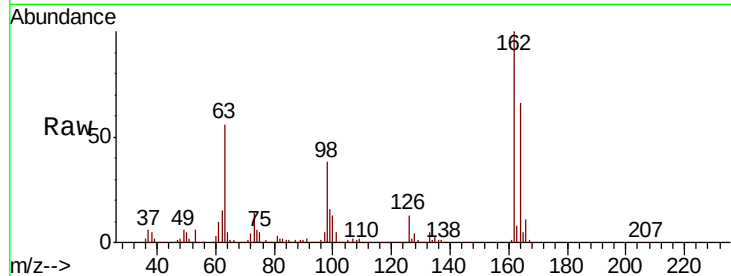




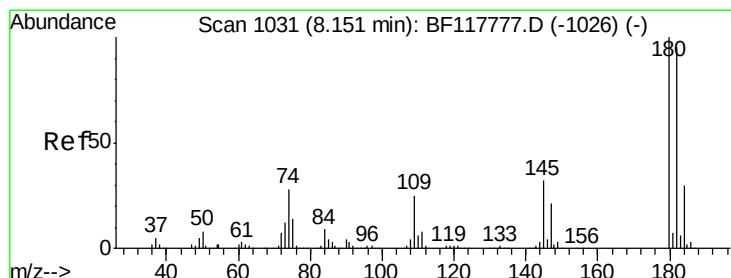
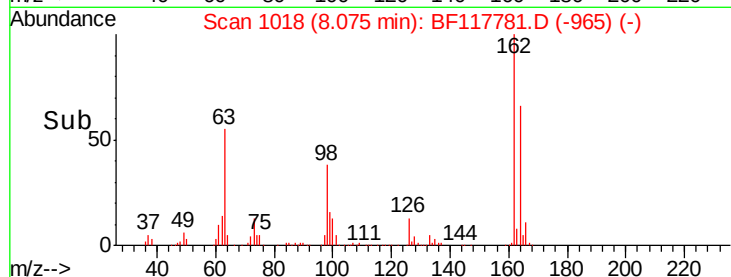
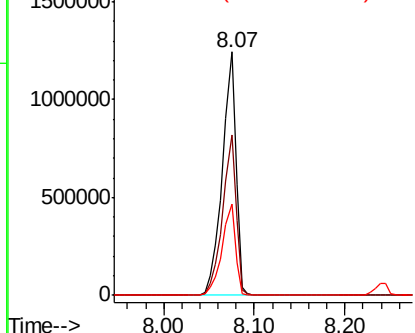
#29
2,4-Dichlorophenol
Concen: 90.907 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1283965
Ion Ratio Lower Upper
162 100
164 65.7 45.1 85.1
98 37.7 17.2 57.2

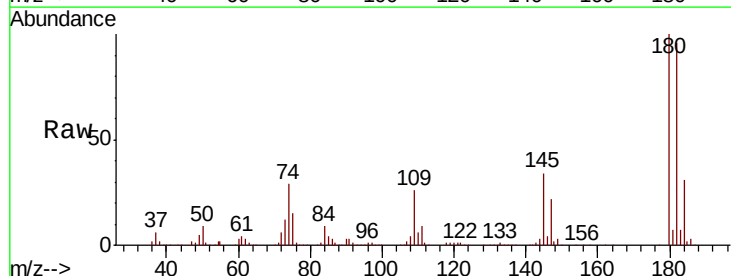


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

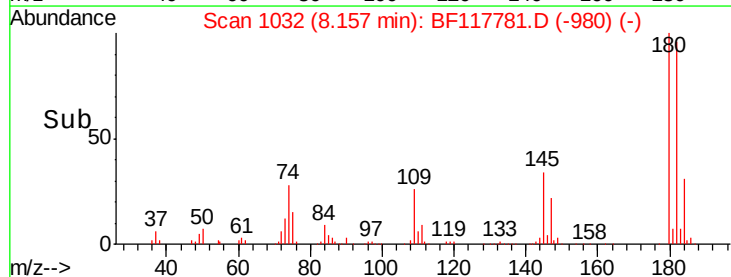
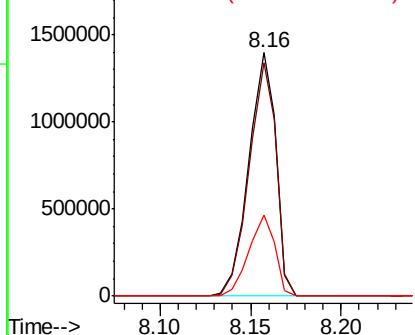


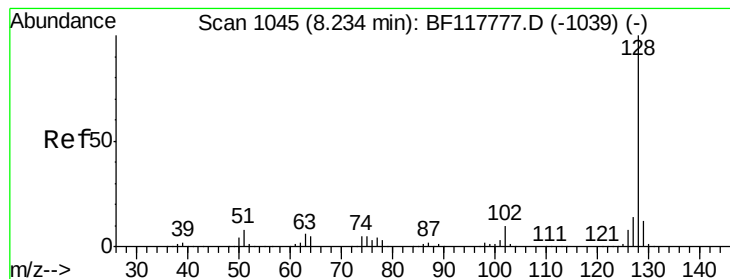
#30
1,2,4-Trichlorobenzene
Concen: 89.396 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Tgt Ion:180 Resp: 1445425
Ion Ratio Lower Upper
180 100
182 95.8 75.8 113.6
145 33.5 25.5 38.3



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





#31

Naphthalene

Concen: 84.712 ng

RT: 8.25 min Scan# 1047

Delta R.T. 0.01 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

Instrument :

BNA_F

ClientSampleId :

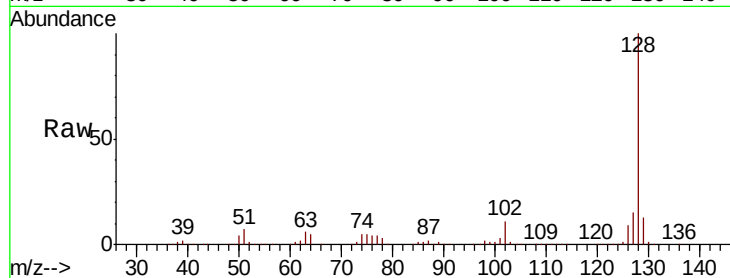
Tot Ion:128 Resp: 3833934

Ion Ratio Lower Upper

128 100

129 13.1 9.5 14.3

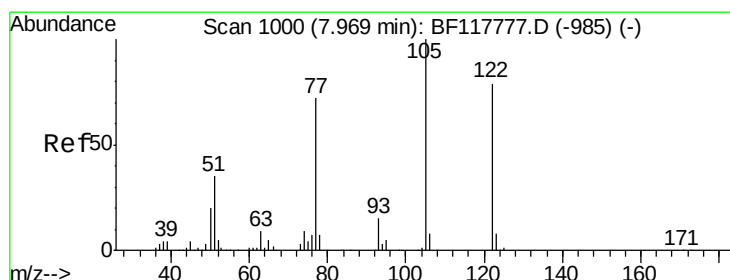
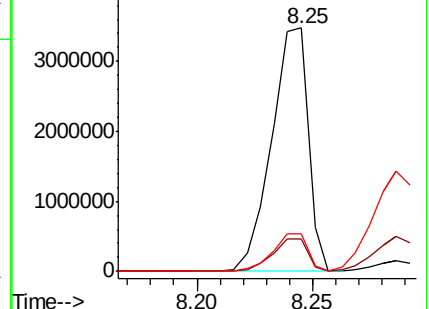
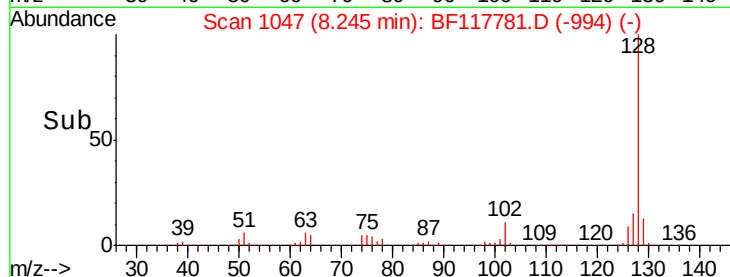
127 15.4 11.3 16.9



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: 108.849 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.06 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

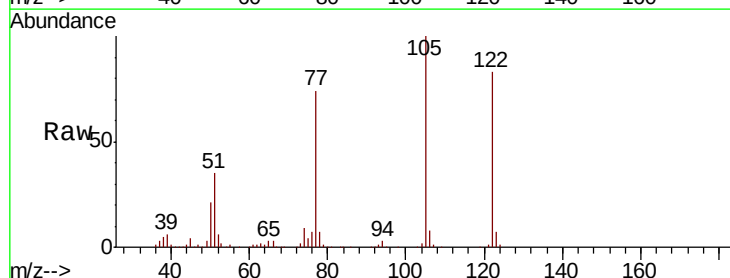
Tgt Ion:122 Resp: 1181230

Ion Ratio Lower Upper

122 100

105 120.5 102.7 142.7

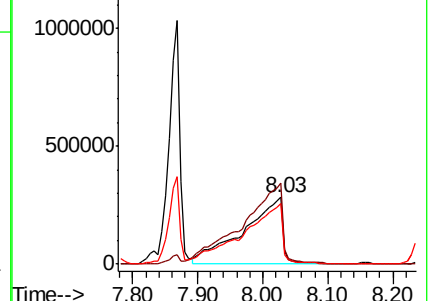
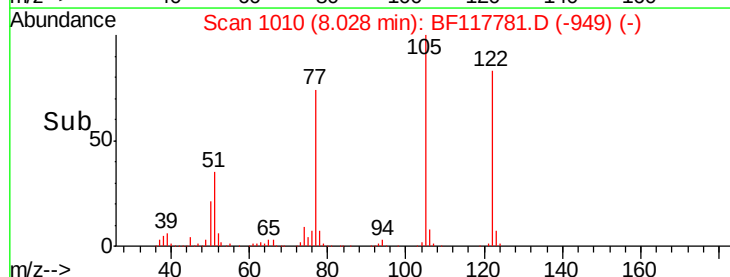
77 89.8 70.5 110.5

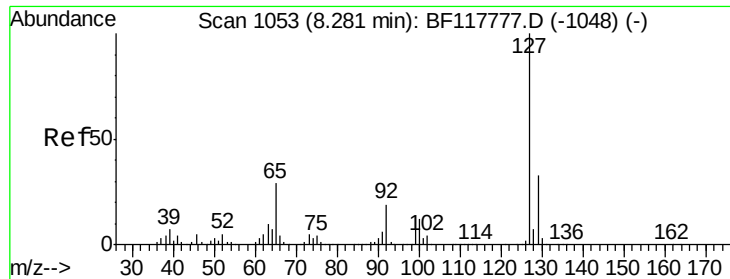


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

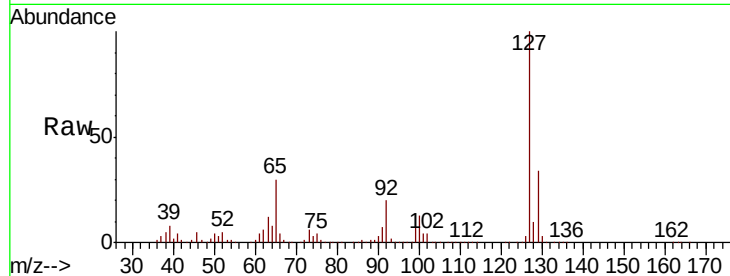




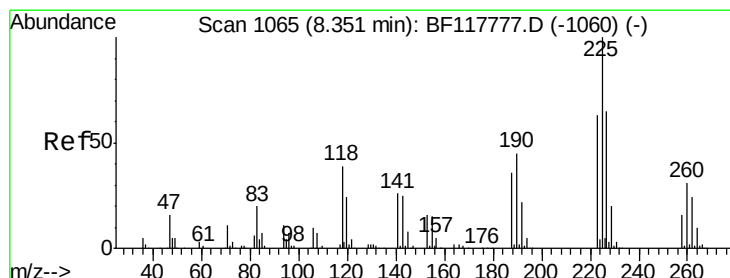
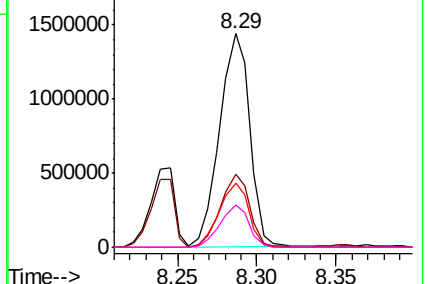
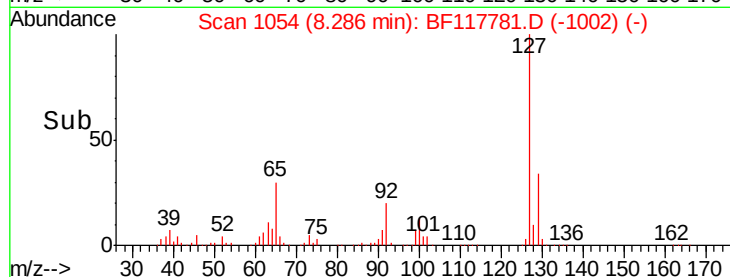
#33
4-Chloroaniline
Concen: 90.359 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1900251
Ion Ratio Lower Upper
127 100
129 34.2 26.5 39.7
65 30.1 22.9 34.3
92 19.6 15.0 22.6

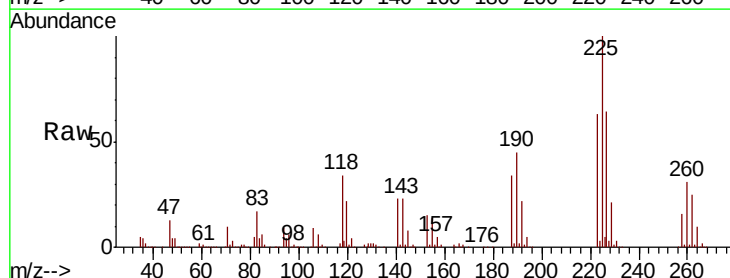


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

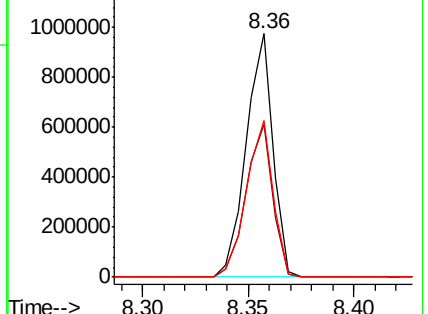
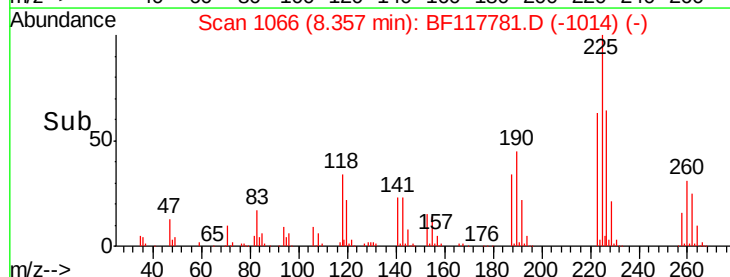


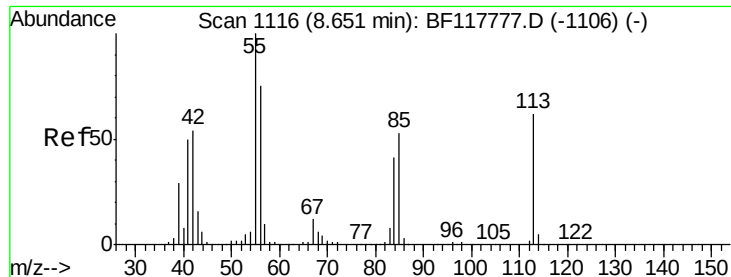
#34
Hexachlorobutadiene
Concen: 92.441 ng
RT: 8.36 min Scan# 1066
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Tgt Ion:225 Resp: 855928
Ion Ratio Lower Upper
225 100
223 62.9 50.0 75.0
227 64.5 51.8 77.6



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

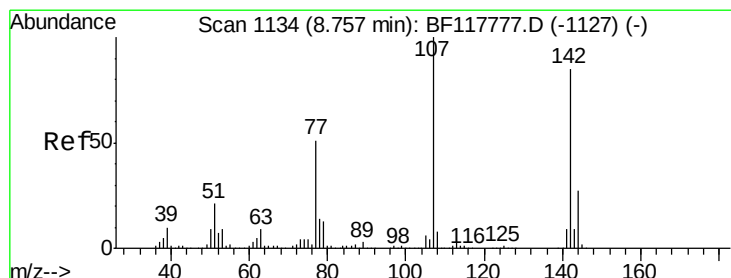
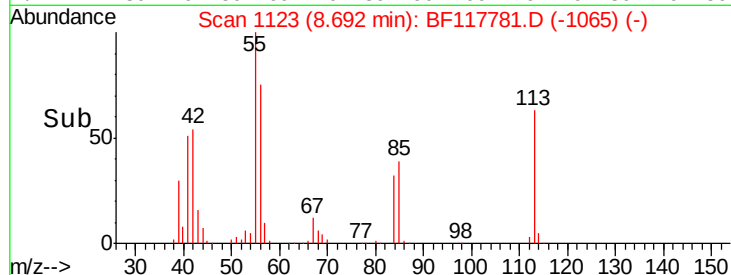
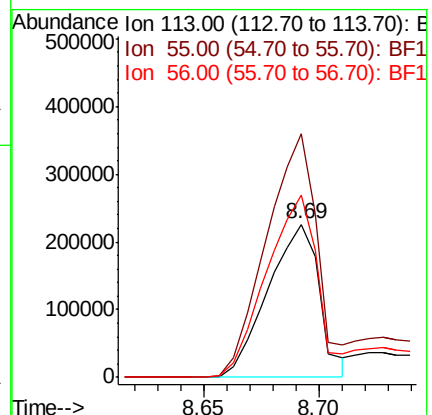
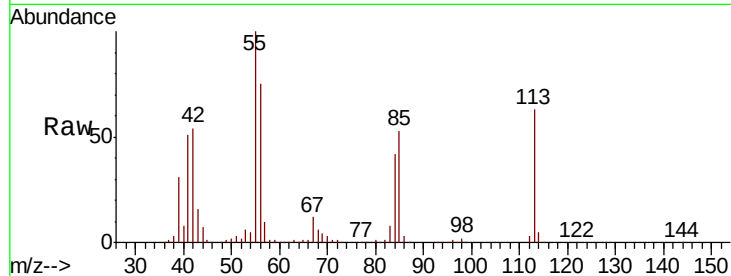




#35
 Caprolactam
 Concen: 74.429 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.04 min
 Lab File: BF117781.D
 Acq: 13 Nov 2019 17:45

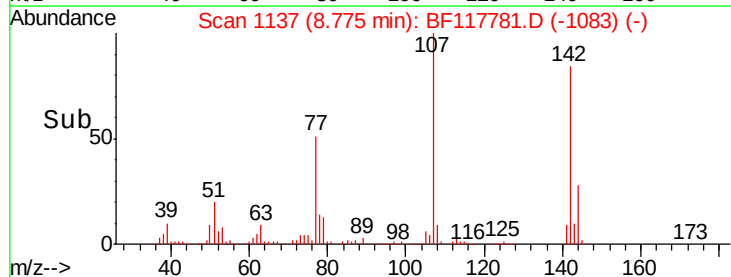
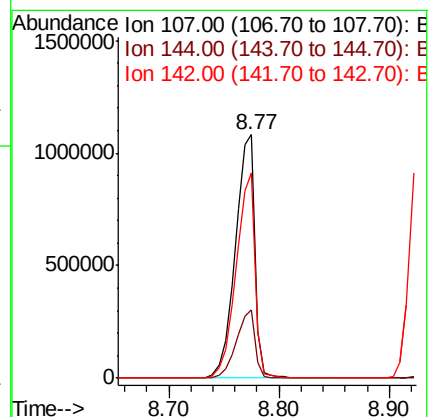
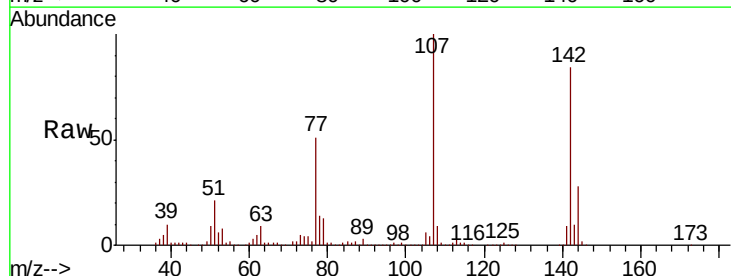
Instrument :
 BNA_F
 ClientSampled :

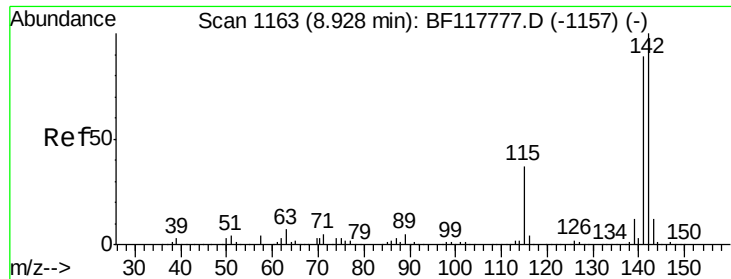
Tot Ion:113 Resp: 348427
 Ion Ratio Lower Upper
 113 100
 55 159.2 141.1 181.1
 56 119.2 100.5 140.5



#36
 4-Chloro-3-methylphenol
 Concen: 94.116 ng
 RT: 8.77 min Scan# 1137
 Delta R.T. 0.02 min
 Lab File: BF117781.D
 Acq: 13 Nov 2019 17:45

Tgt Ion:107 Resp: 1341372
 Ion Ratio Lower Upper
 107 100
 144 27.8 21.9 32.9
 142 84.4 67.7 101.5

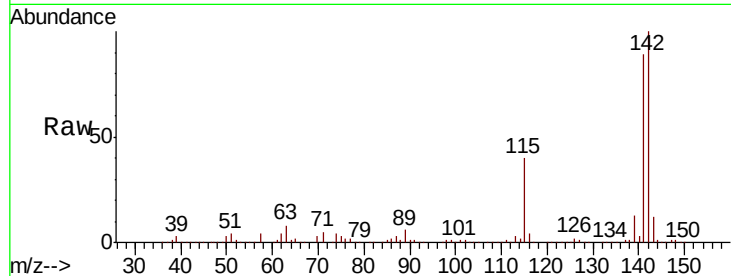




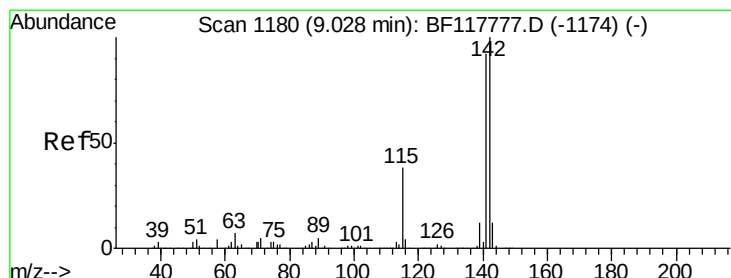
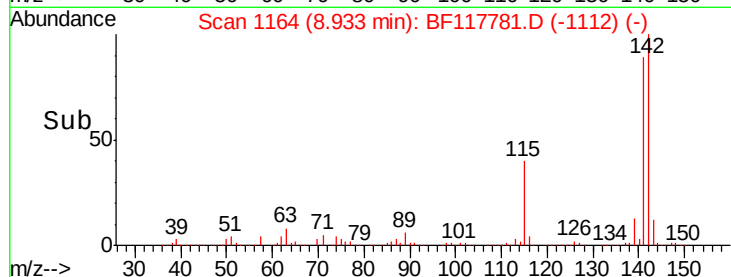
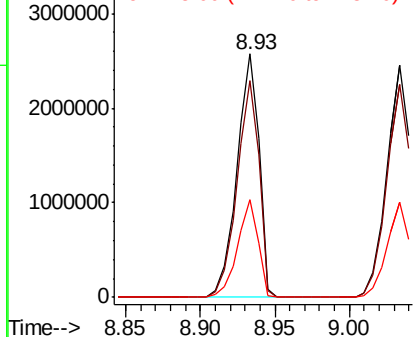
#37
2-Methylnaphthalene
Concen: 85.881 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 2646107
Ion Ratio Lower Upper
142 100
141 89.3 71.1 106.7
115 40.0 29.2 43.8

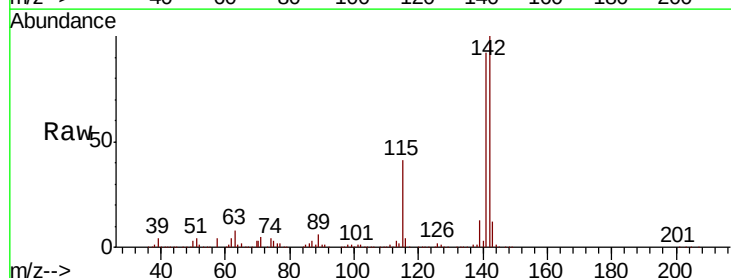


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

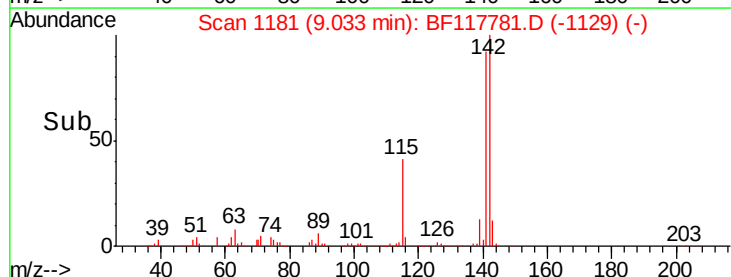
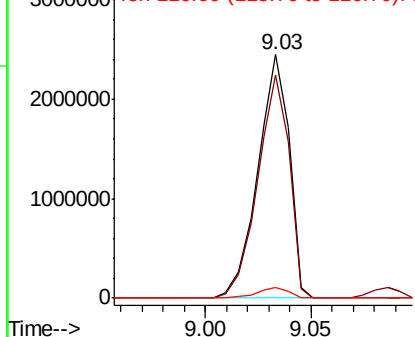


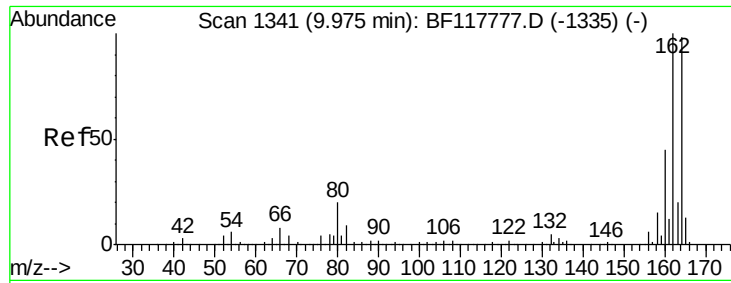
#38
1-Methylnaphthalene
Concen: 85.916 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Tgt Ion:142 Resp: 2513872
Ion Ratio Lower Upper
142 100
141 91.7 73.5 110.3
116 4.4 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

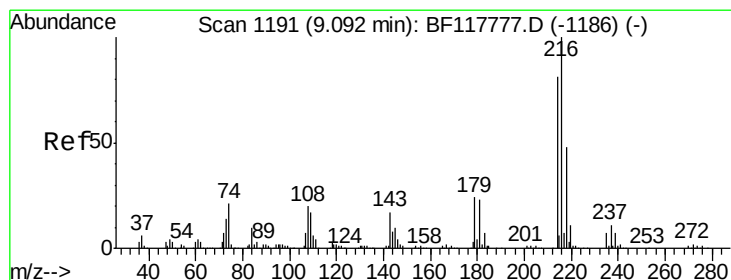
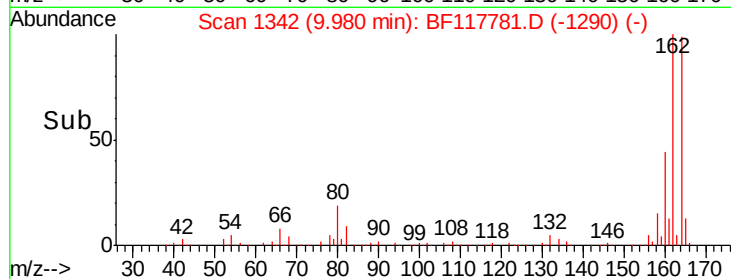
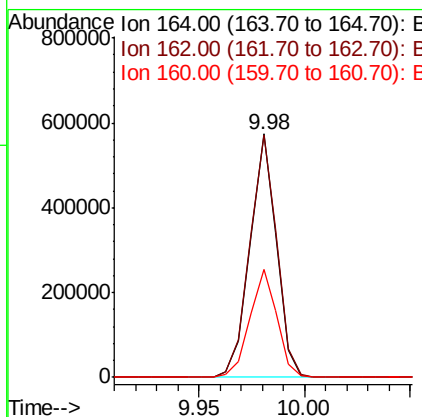
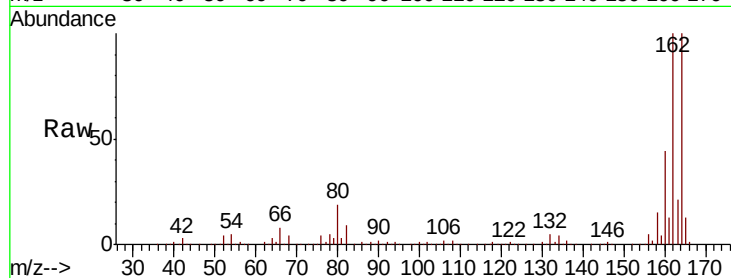




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

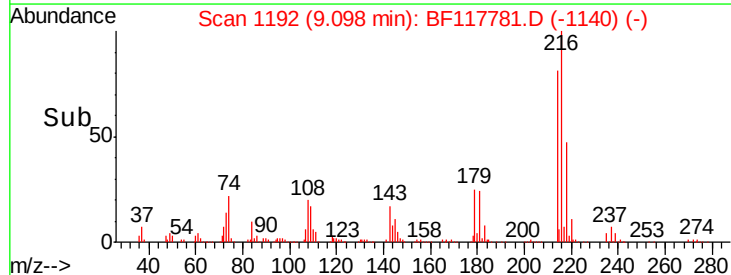
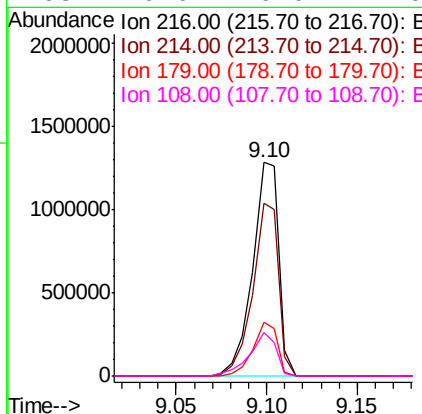
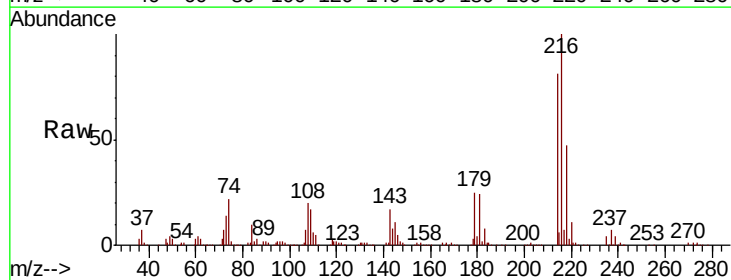
Instrument :
BNA_F
ClientSampleId :

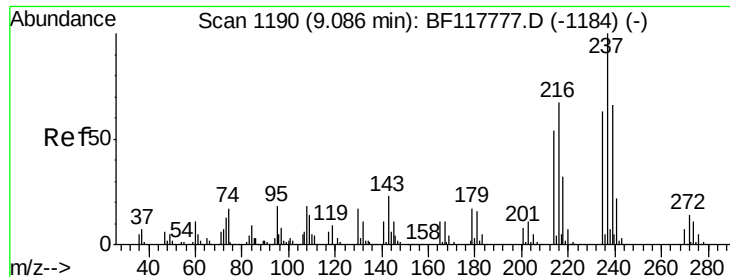
Tot Ion:164 Resp: 503282
Ion Ratio Lower Upper
164 100
162 99.7 81.3 121.9
160 44.1 36.6 55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 93.762 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Tgt Ion:216 Resp: 1290968
Ion Ratio Lower Upper
216 100
214 79.8 63.4 95.0
179 23.7 18.2 27.4
108 20.6 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 107.357 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

Instrument :

BNA_F

ClientSampleId :

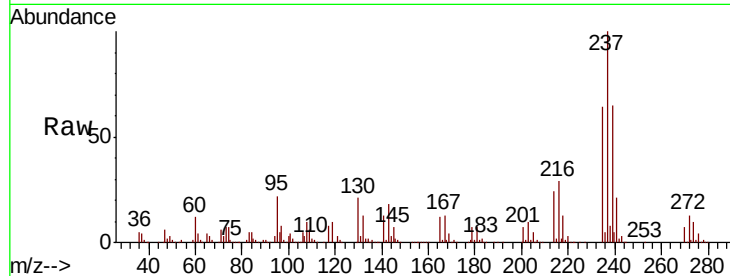
Tot Ion:237 Resp: 797435

Ion Ratio Lower Upper

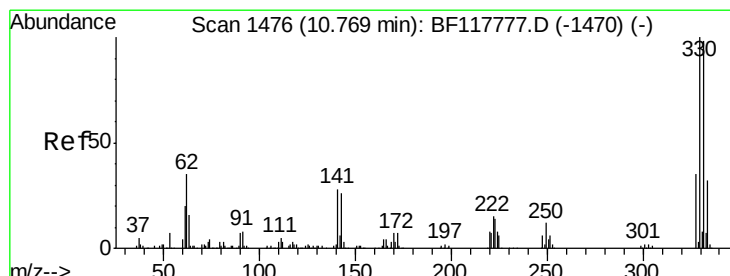
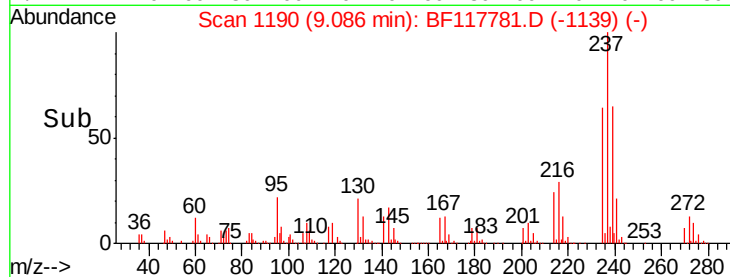
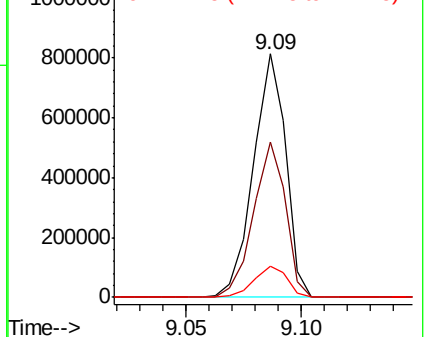
237 100

235 64.0 42.6 82.6

272 13.0 0.0 34.3



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: 198.680 ng

RT: 10.78 min Scan# 1478

Delta R.T. 0.01 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

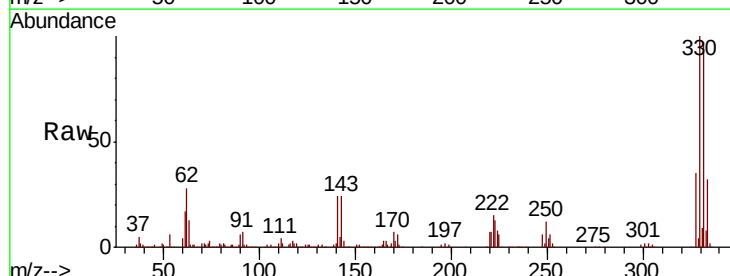
Tgt Ion:330 Resp: 978148

Ion Ratio Lower Upper

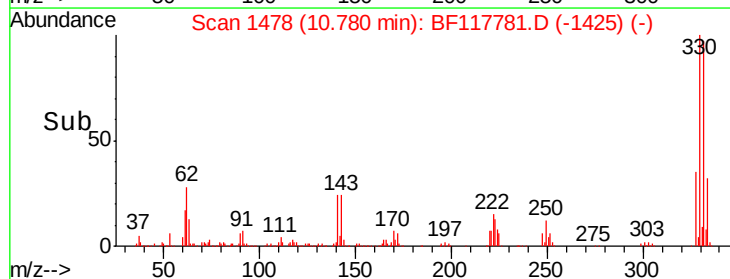
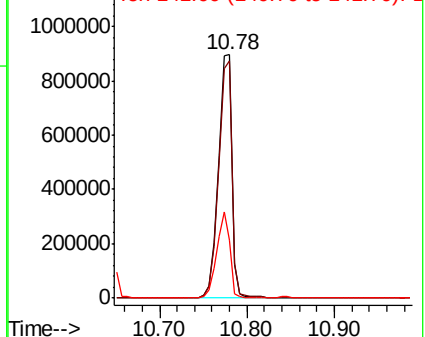
330 100

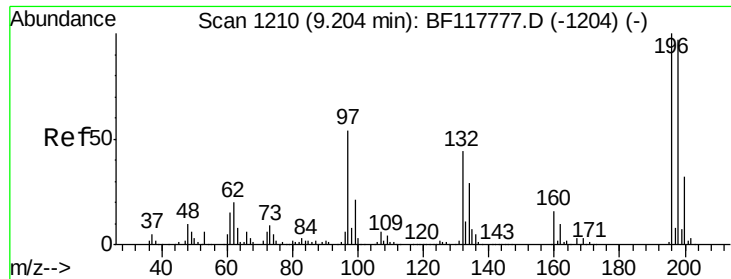
332 96.3 76.7 115.1

141 33.6 27.7 41.5



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

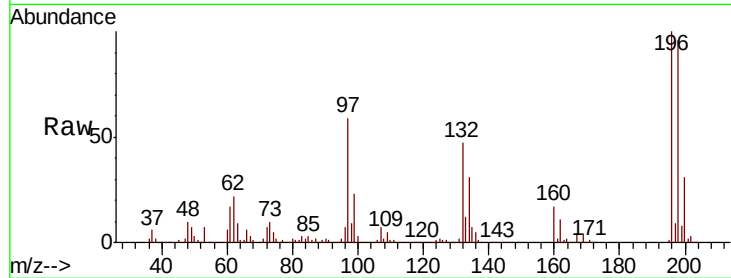




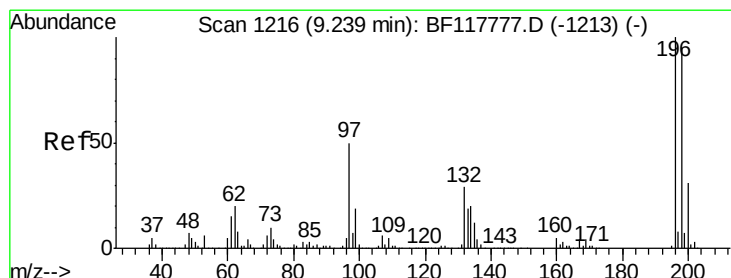
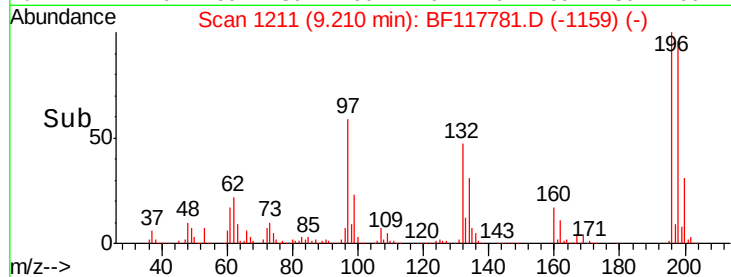
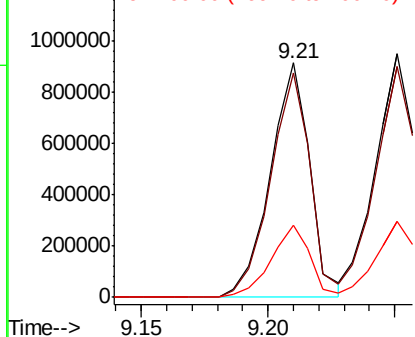
#43
 2,4,6-Trichlorophenol
 Concen: 99.283 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF117781.D
 Acq: 13 Nov 2019 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 995592
 Ion Ratio Lower Upper
 196 100
 198 95.6 77.8 116.6
 200 31.0 25.4 38.0



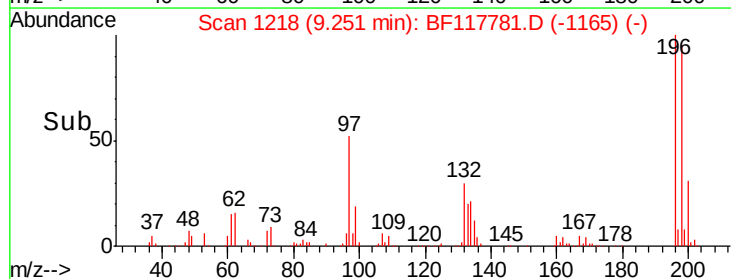
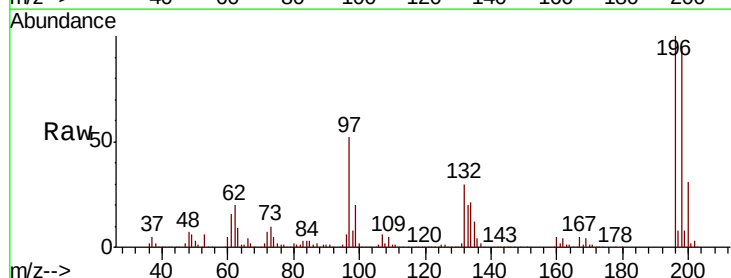
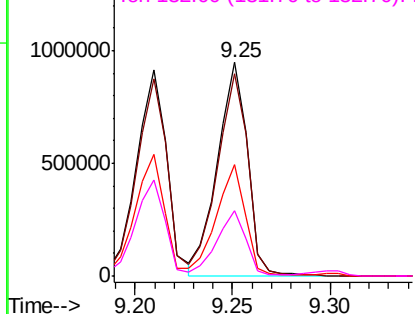
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

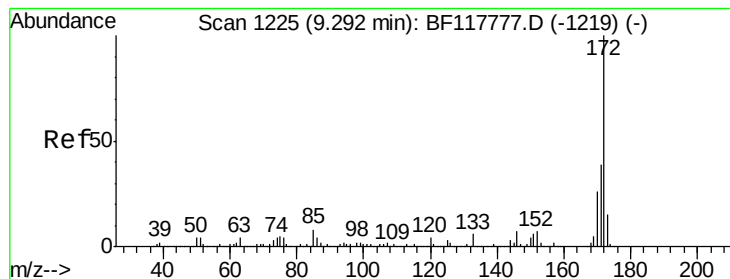


#44
 2,4,5-Trichlorophenol
 Concen: 99.538 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF117781.D
 Acq: 13 Nov 2019 17:45

Tgt Ion:196 Resp: 1011749
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.3 114.5
 97 52.3 40.0 60.0
 132 30.3 23.6 35.4

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: 184.870 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.01 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

Instrument :

BNA_F

ClientSampleId :

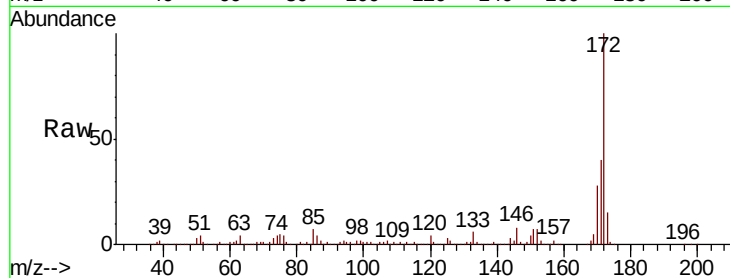
Tot Ion:172 Resp: 4715730

Ion Ratio Lower Upper

172 100

171 40.1 30.9 46.3

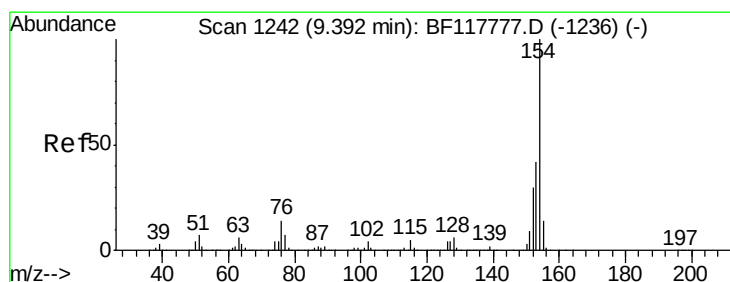
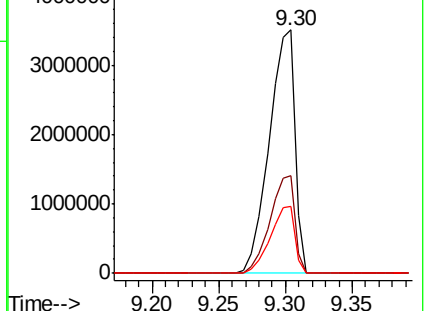
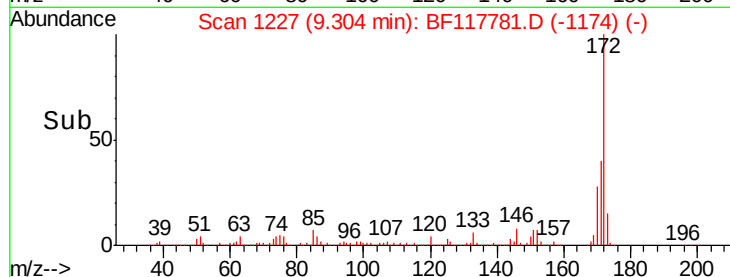
170 27.5 21.0 31.4



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: 88.273 ng

RT: 9.40 min Scan# 1244

Delta R.T. 0.01 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

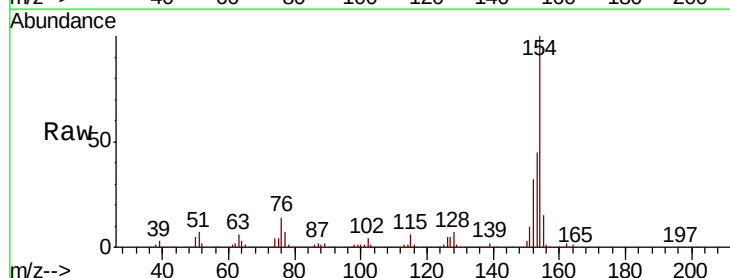
Tgt Ion:154 Resp: 3111442

Ion Ratio Lower Upper

154 100

153 44.8 21.9 61.9

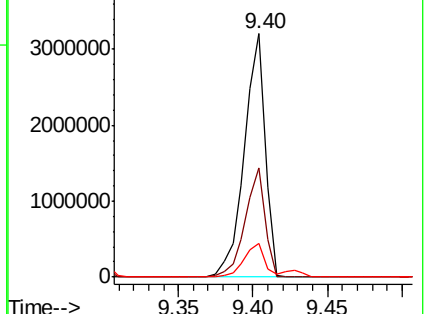
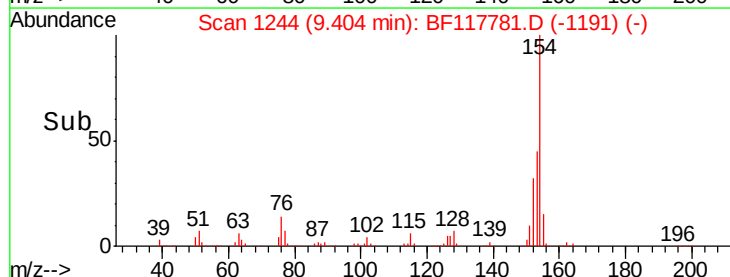
76 13.8 0.0 33.6

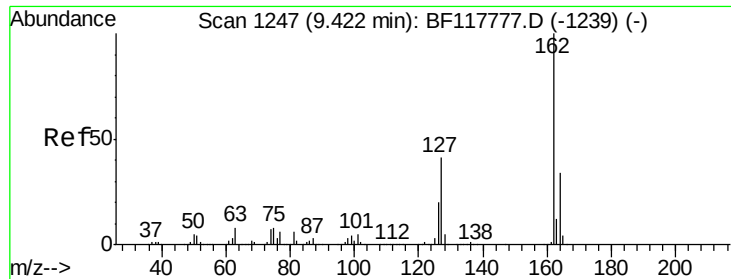


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

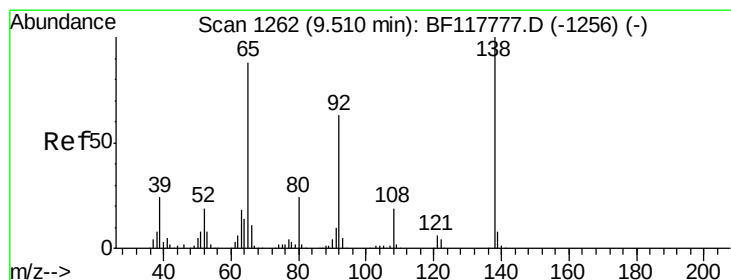
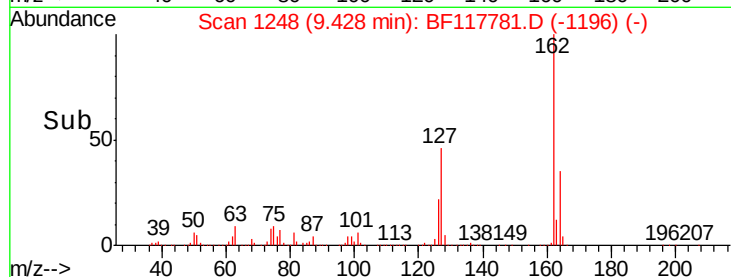
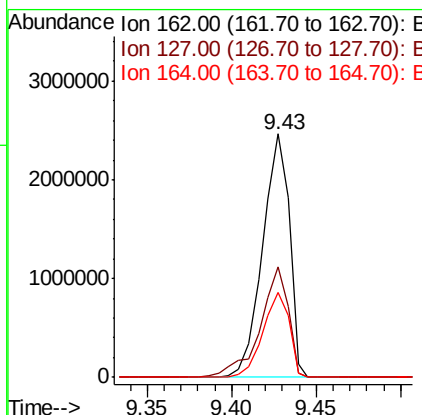
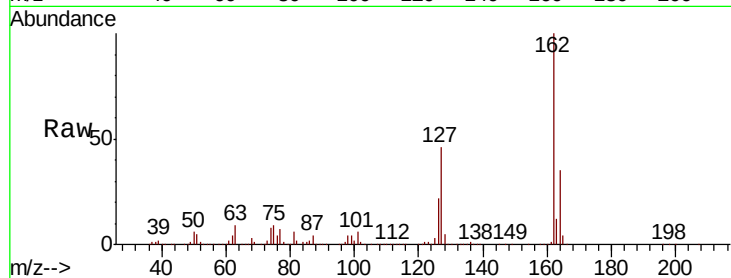




#47
 2-Chloronaphthalene
 Concen: 92.442 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.01 min
 Lab File: BF117781.D
 Acq: 13 Nov 2019 17:45

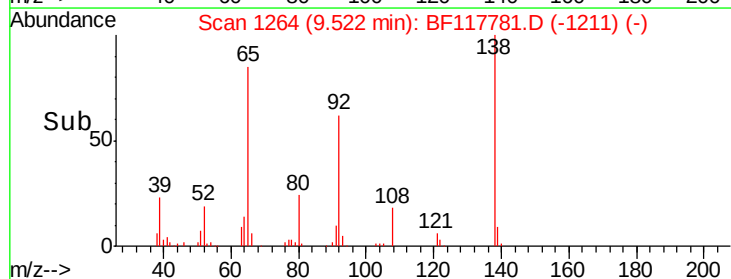
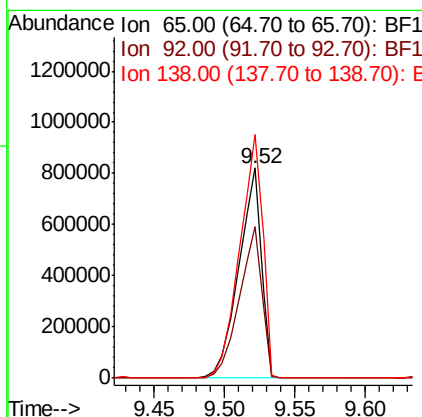
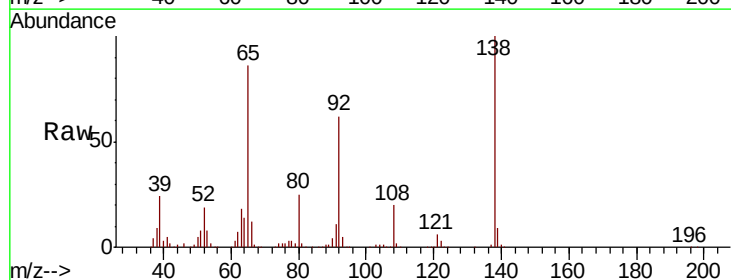
Instrument :
 BNA_F
 ClientSampleId :

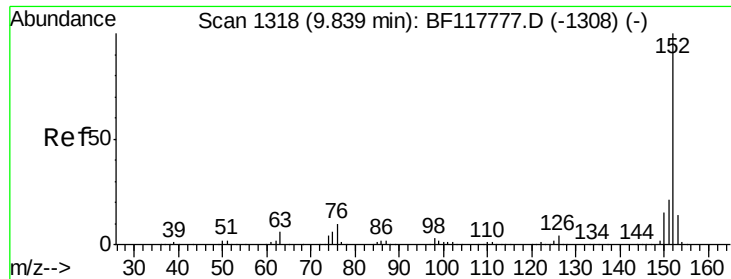
Tot Ion:162 Resp: 2703999
 Ion Ratio Lower Upper
 162 100
 127 45.5 33.2 49.8
 164 35.1 27.3 40.9



#48
 2-Nitroaniline
 Concen: 99.067 ng
 RT: 9.52 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BF117781.D
 Acq: 13 Nov 2019 17:45

Tgt Ion: 65 Resp: 908096
 Ion Ratio Lower Upper
 65 100
 92 72.0 56.6 84.8
 138 116.1 90.5 135.7





#49

Acenaphthylene

Concen: 88.087 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

Instrument :

BNA_F

ClientSampleId :

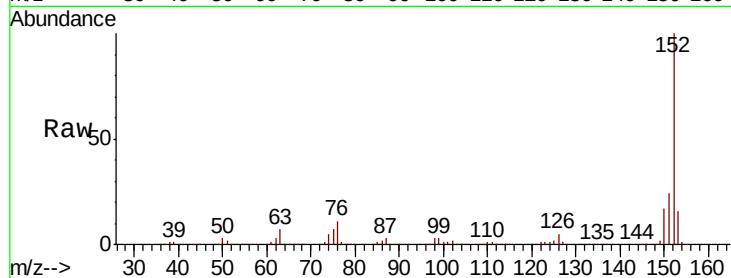
Tot Ion:152 Resp: 3752373

Ion Ratio Lower Upper

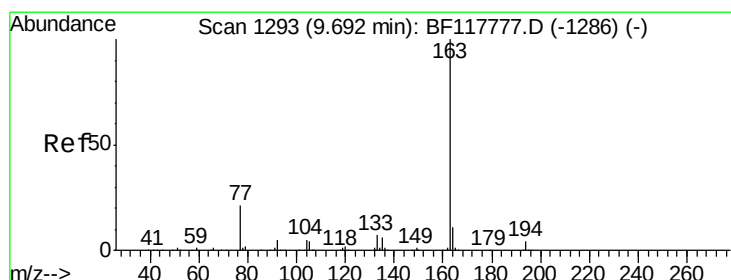
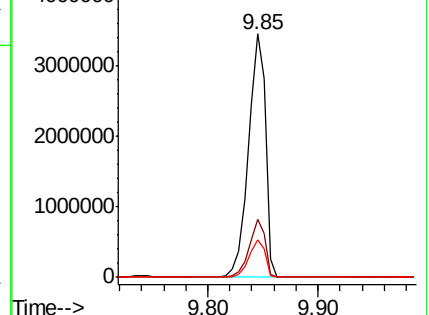
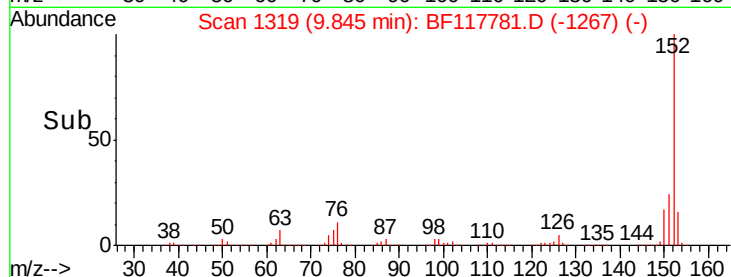
152 100

151 23.7 17.0 25.6

153 15.7 11.0 16.6



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: 94.847 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.02 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

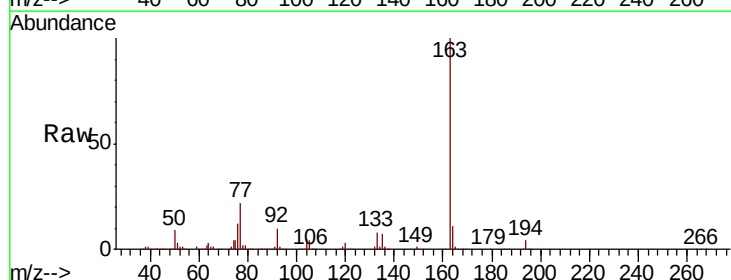
Tgt Ion:163 Resp: 3227040

Ion Ratio Lower Upper

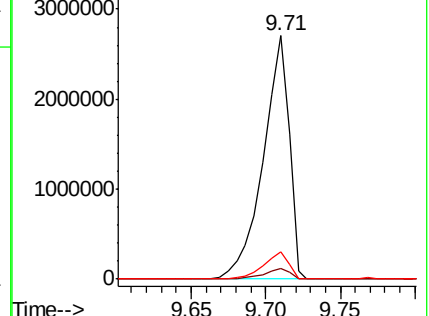
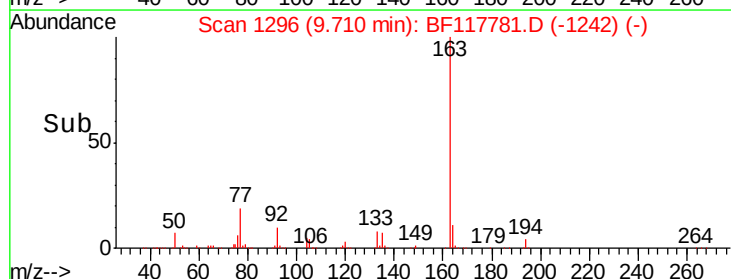
163 100

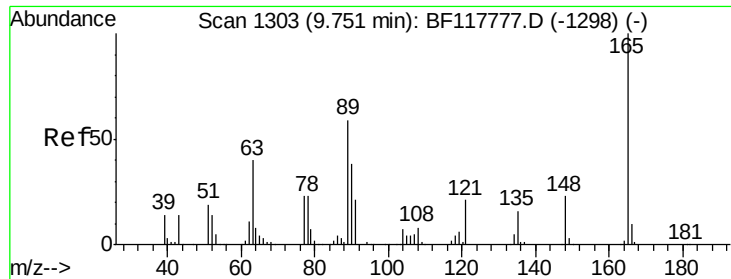
194 4.3 3.3 4.9

164 11.3 8.7 13.1



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: 97.641 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.02 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

Instrument :

BNA_F

ClientSampled :

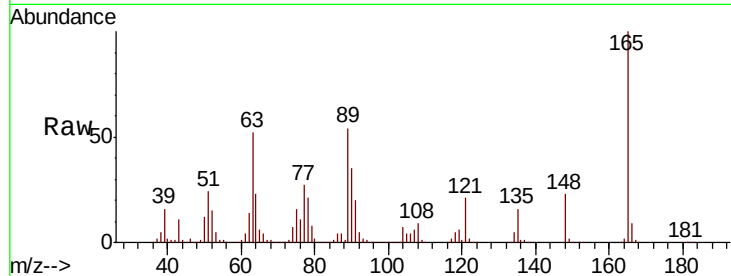
Tot Ion:165 Resp: 743890

Ion Ratio Lower Upper

165 100

63 51.8 46.0 69.0

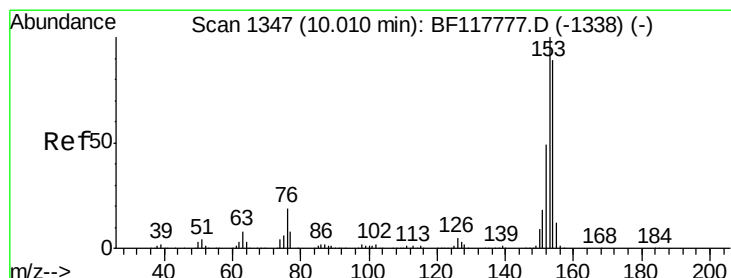
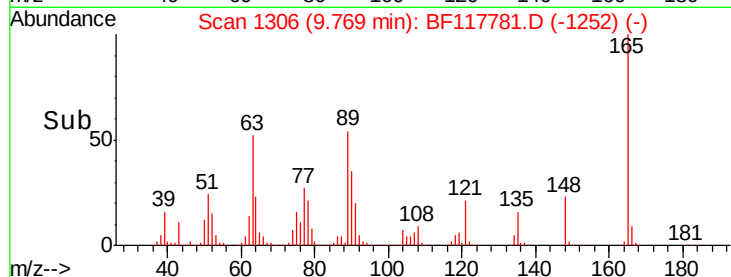
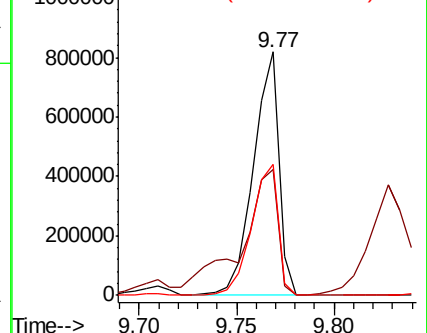
89 53.7 47.7 71.5



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: 92.093 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

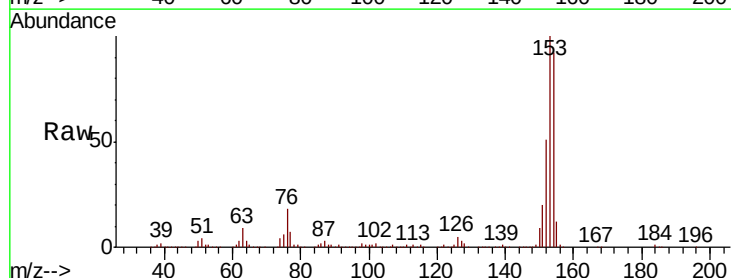
Tgt Ion:154 Resp: 2531429

Ion Ratio Lower Upper

154 100

153 109.2 90.1 135.1

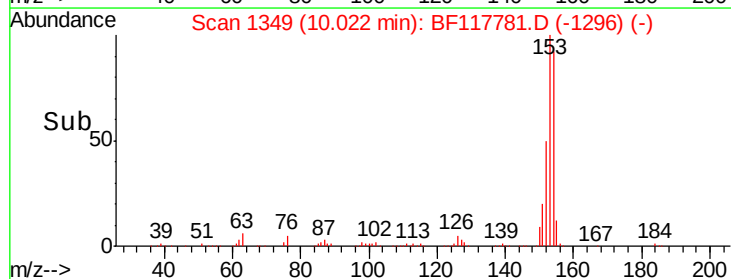
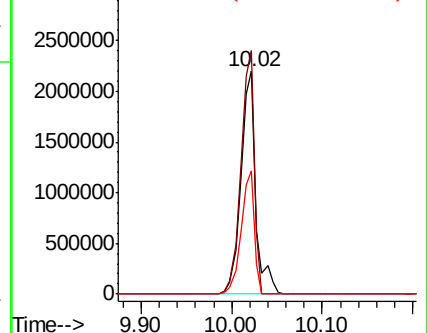
152 55.2 44.0 66.0

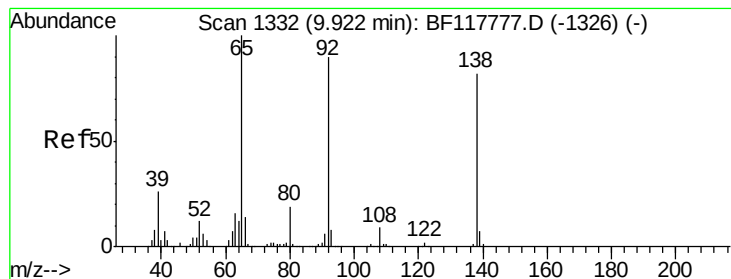


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 97.343 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.02 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

Instrument :

BNA_F

ClientSampled :

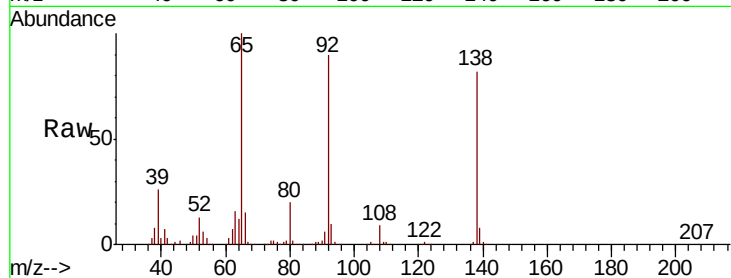
Tot Ion:138 Resp: 894733

Ion Ratio Lower Upper

138 100

108 10.8 8.6 12.8

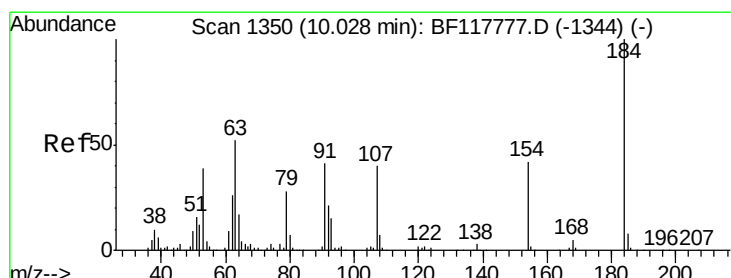
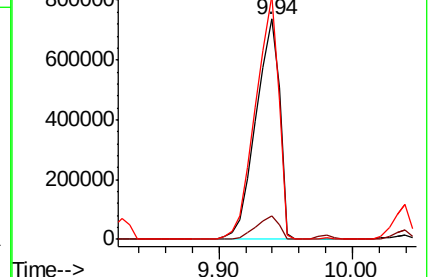
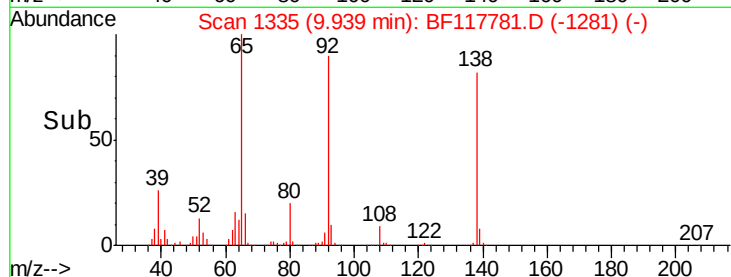
92 110.5 87.9 131.9



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: 157.084 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

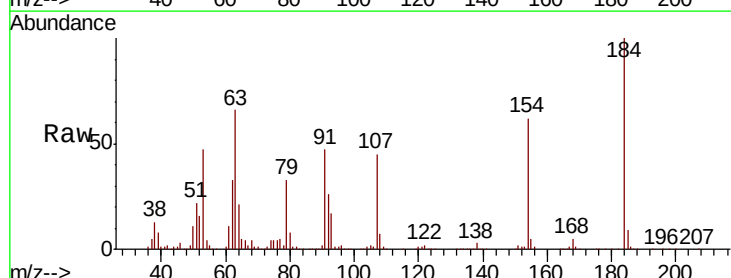
Tgt Ion:184 Resp: 410290

Ion Ratio Lower Upper

184 100

63 65.9 43.0 64.6#

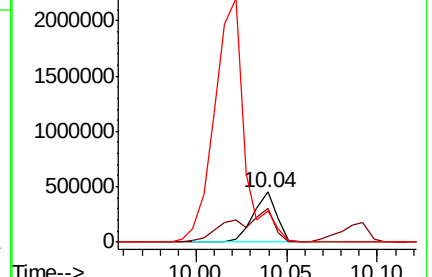
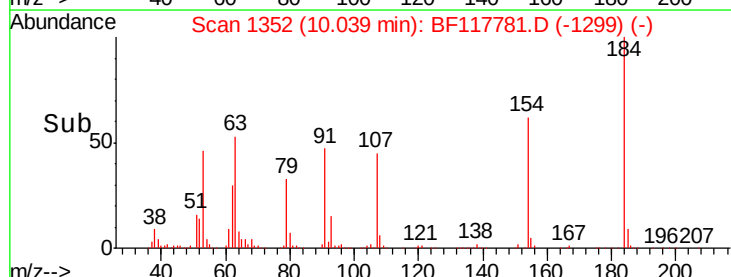
154 62.4 48.0 72.0

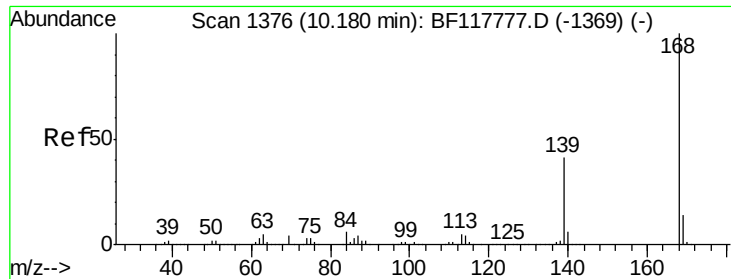


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

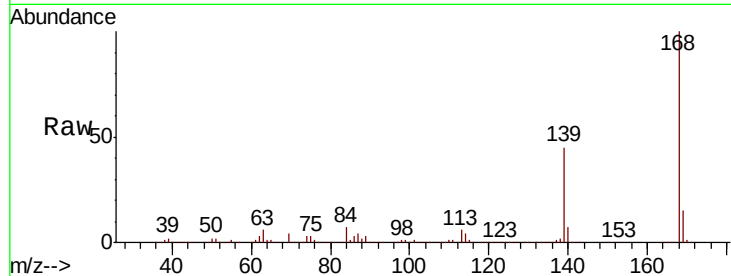




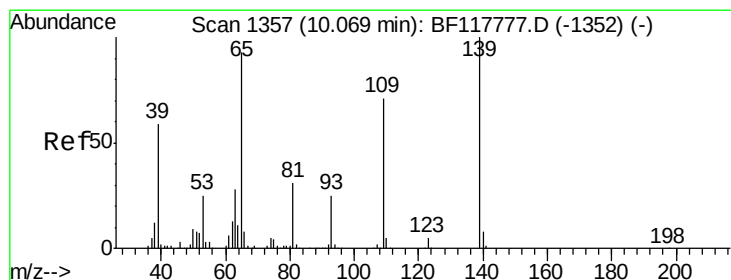
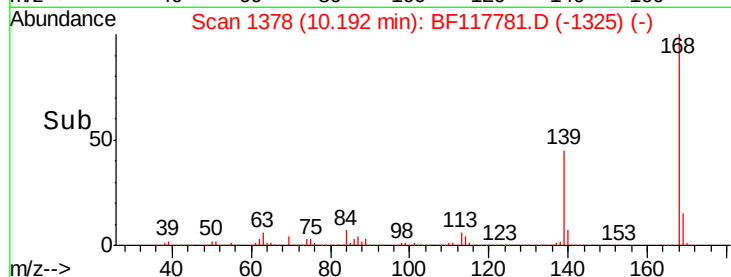
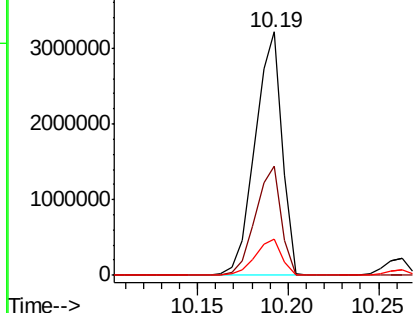
#55
Dibenzenofuran
Concen: 86.294 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 3319176
Ion Ratio Lower Upper
168 100
139 45.0 33.0 49.6
169 15.1 11.5 17.3

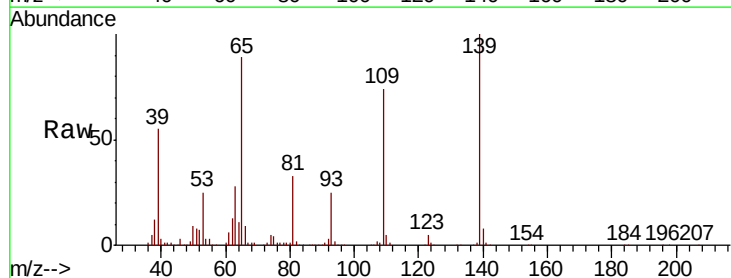


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

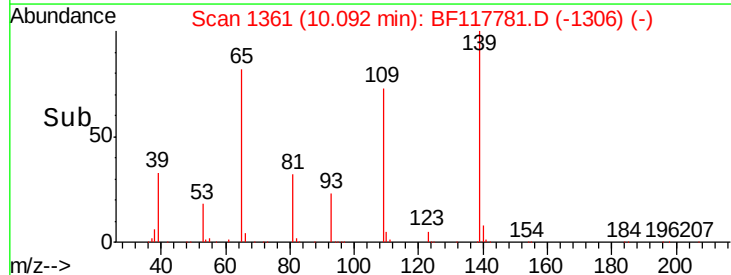
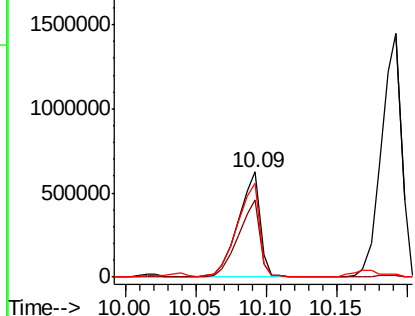


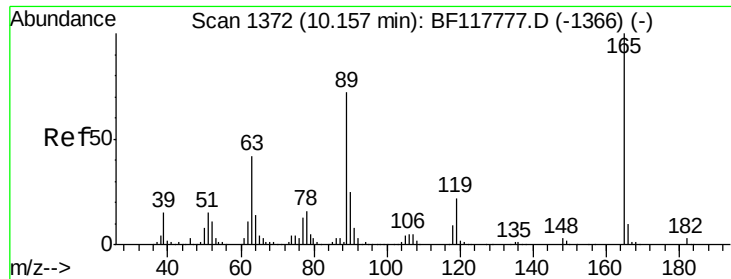
#56
4-Nitrophenol
Concen: 97.345 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.02 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Tgt Ion:139 Resp: 672895
Ion Ratio Lower Upper
139 100
109 73.9 50.8 90.8
65 89.3 73.6 113.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

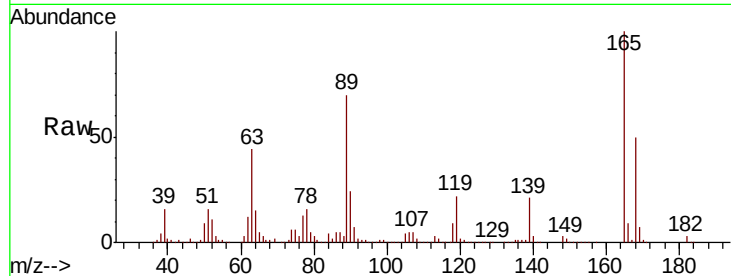




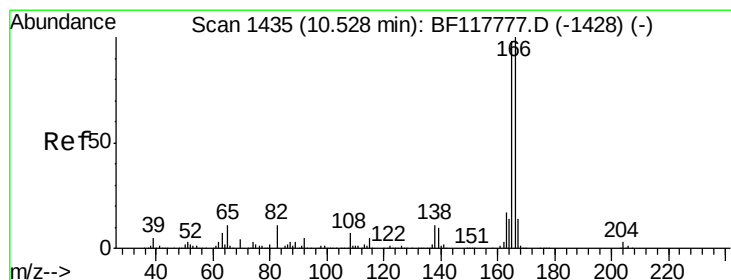
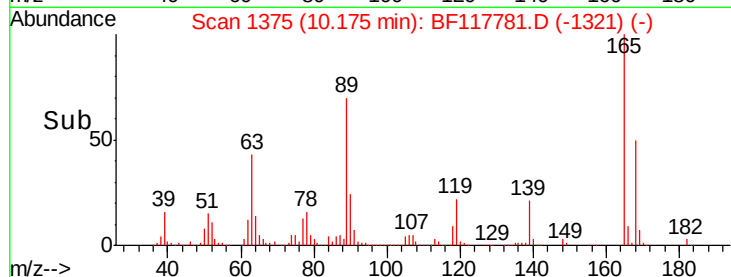
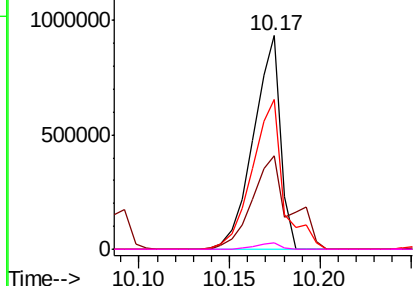
#57
2,4-Dinitrotoluene
Concen: 98.854 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.02 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.8	33.7	50.5
89	70.3	57.3	85.9
182	2.9	2.3	3.5

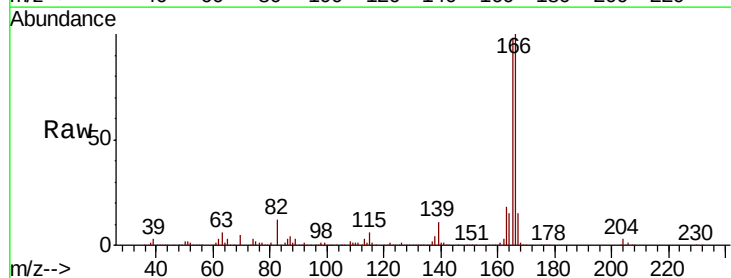


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

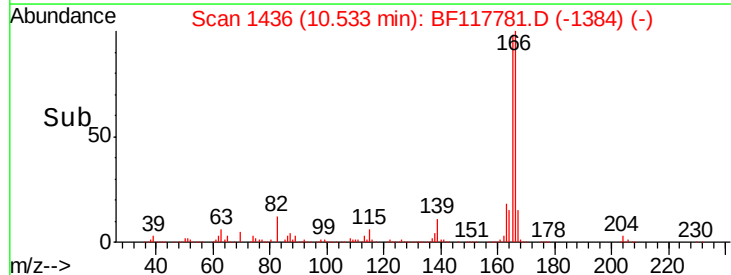
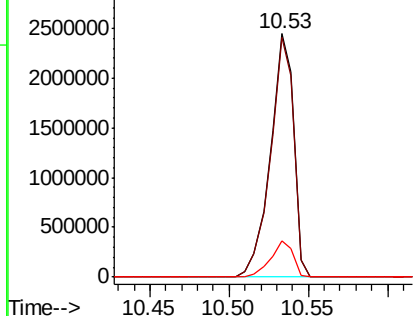


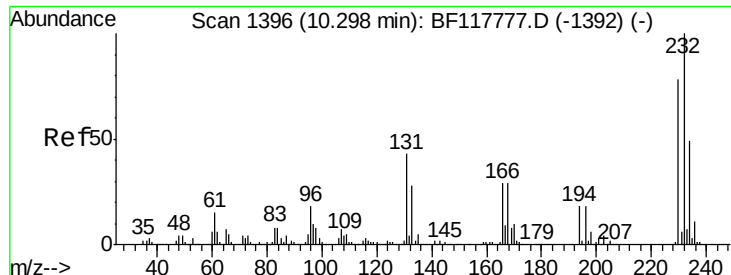
#58
Fluorene
Concen: 88.627 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.4	117.6
167	14.9	11.0	16.4



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

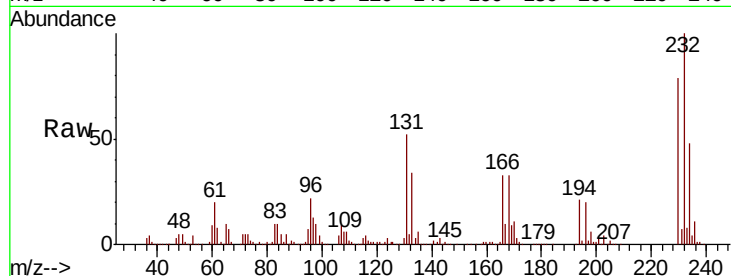




#59
2,3,4,6-Tetrachlorophenol
Concen: 98.140 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.0	37.6	56.4
130	2.5	1.9	2.9
166	31.8	24.2	36.4



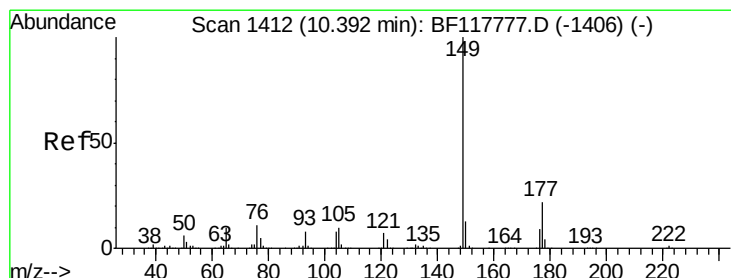
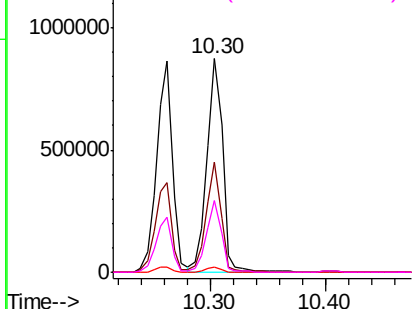
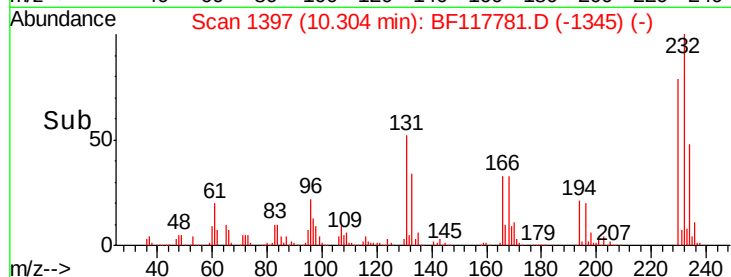
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

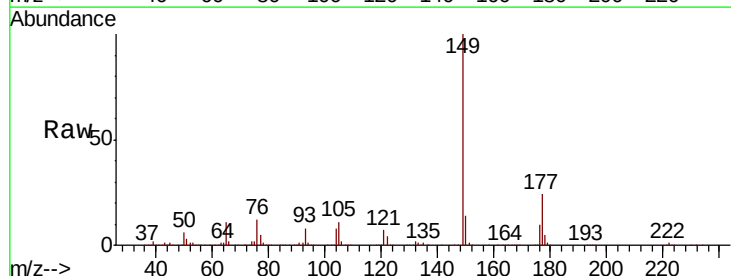
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 91.409 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.0	27.0
150	14.1	10.5	15.7

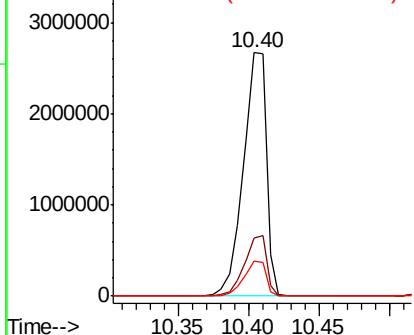
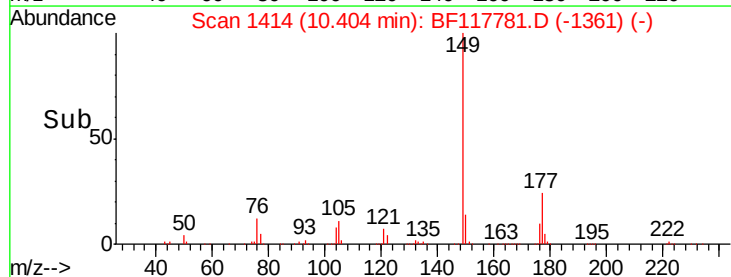


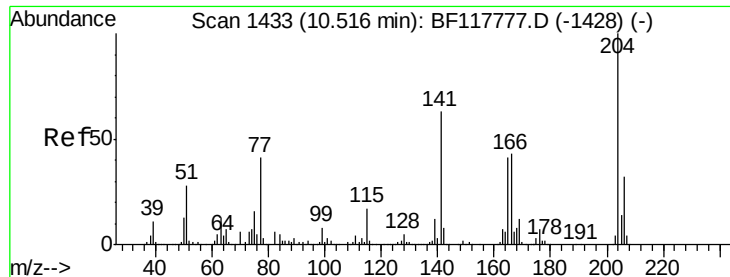
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

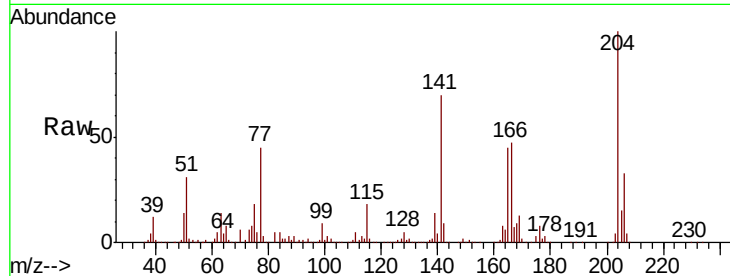




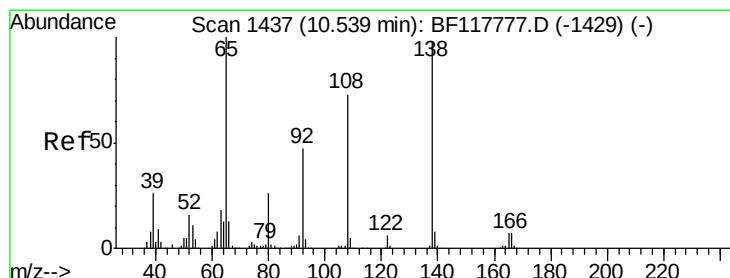
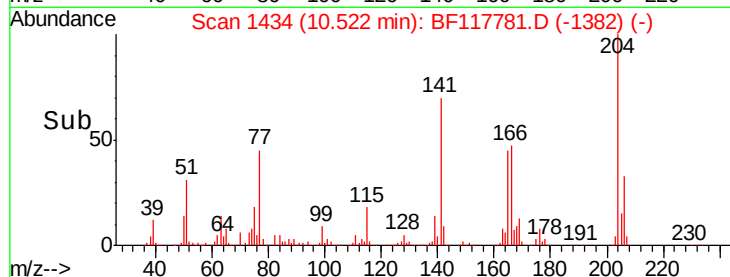
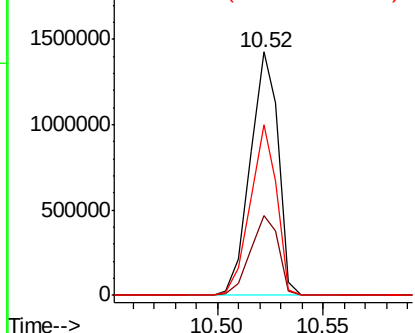
#61
4-Chlorophenyl-phenylether
Concen: 88.724 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 1309294
Ion Ratio Lower Upper
204 100
206 32.9 25.6 38.4
141 70.2 50.7 76.1

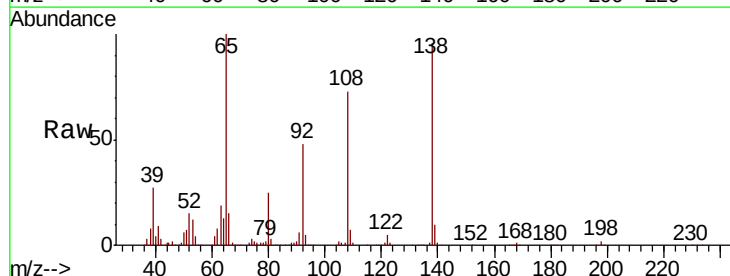


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

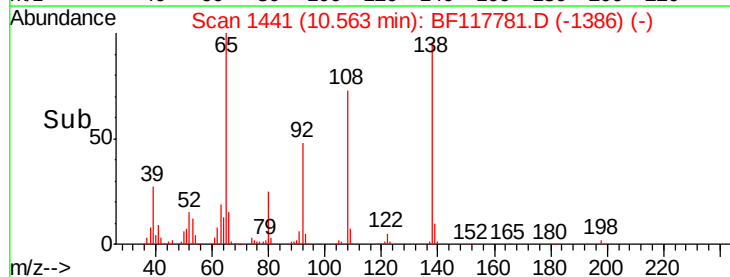
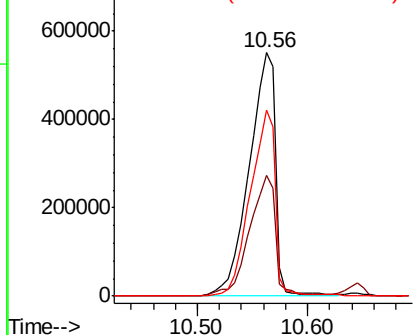


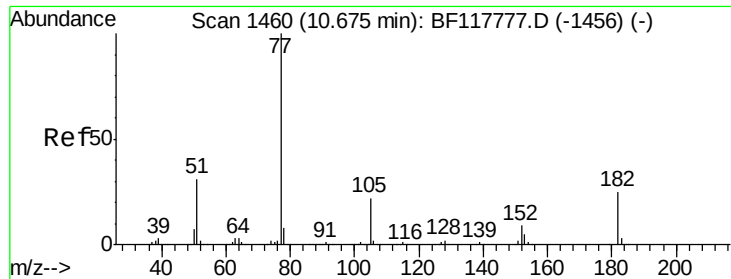
#62
4-Nitroaniline
Concen: 102.406 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.02 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Tgt Ion:138 Resp: 926441
Ion Ratio Lower Upper
138 100
92 49.8 28.3 68.3
108 76.5 54.3 94.3



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

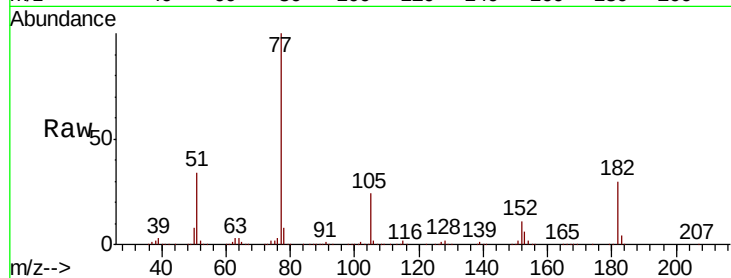




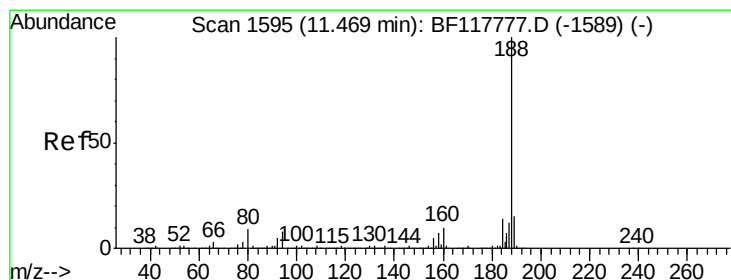
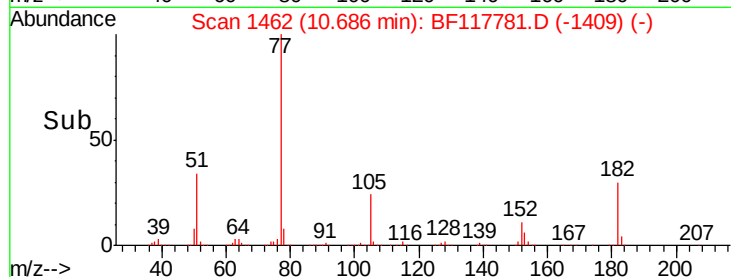
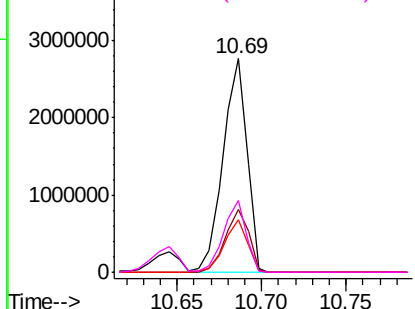
#63
Azobenzene
Concen: 85.719 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 2716595
Ion Ratio Lower Upper
77 100
182 29.7 4.8 44.8
105 24.5 2.1 42.1
51 33.8 11.4 51.4

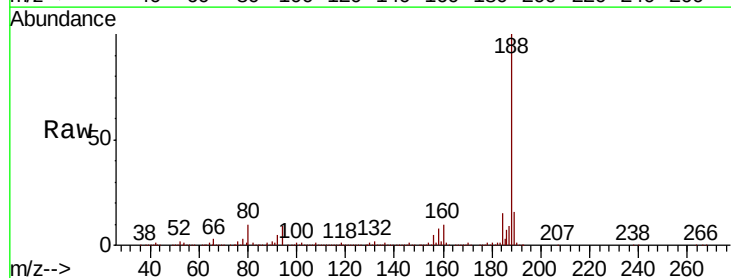


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

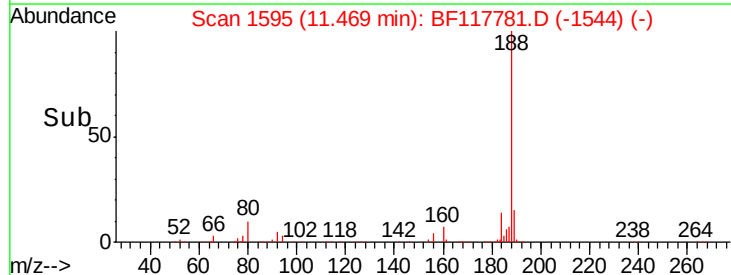
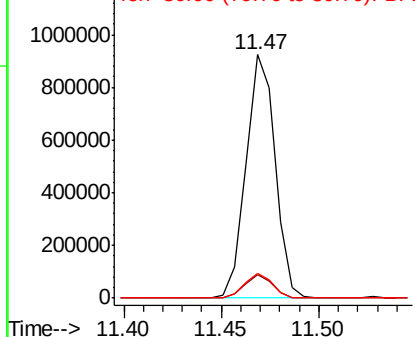


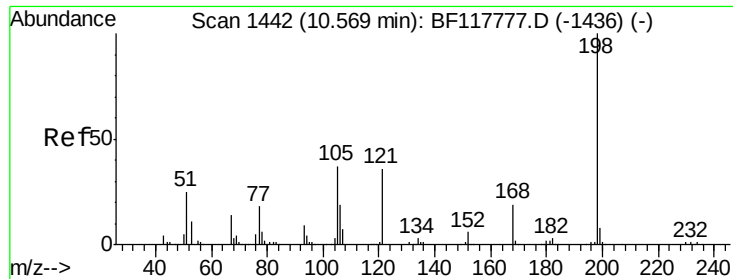
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Tgt Ion: 188 Resp: 953323
Ion Ratio Lower Upper
188 100
94 9.5 6.6 10.0
80 10.3 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

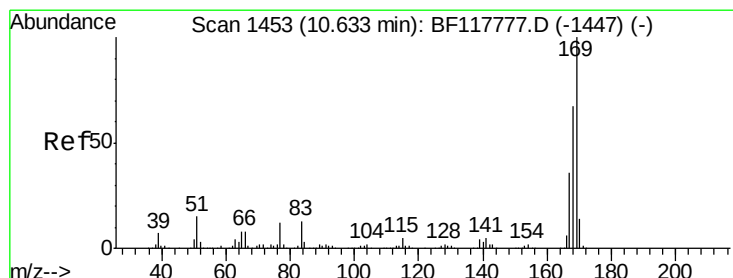
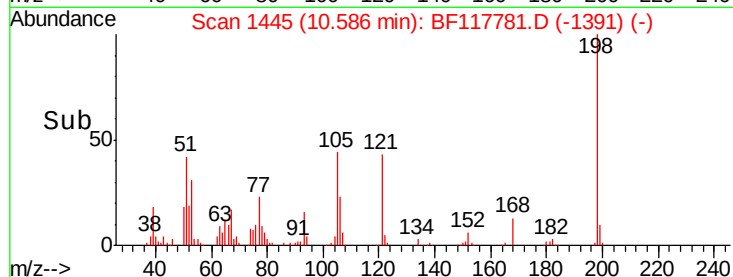
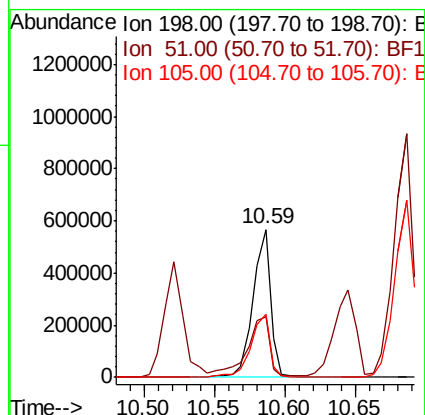
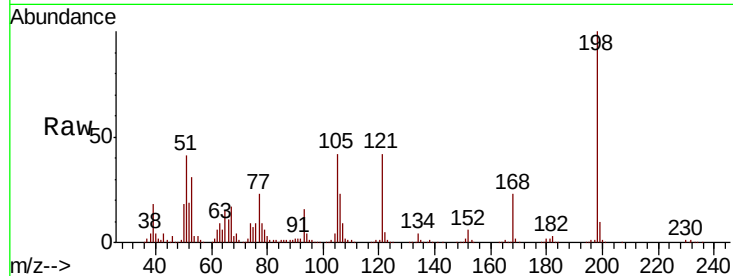




#65
4,6-Dinitro-2-methylphenol
Concen: 132.141 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.02 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

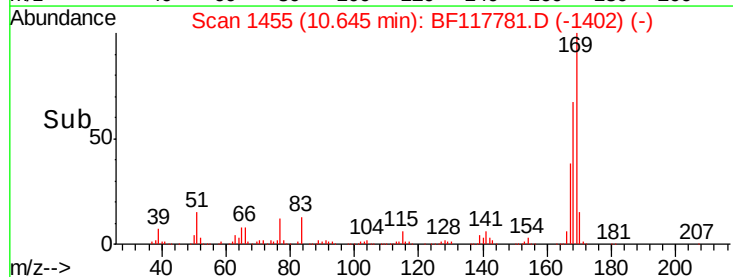
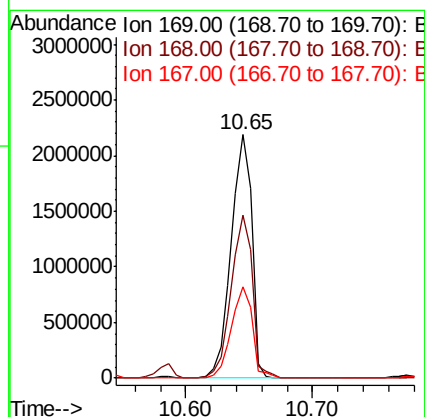
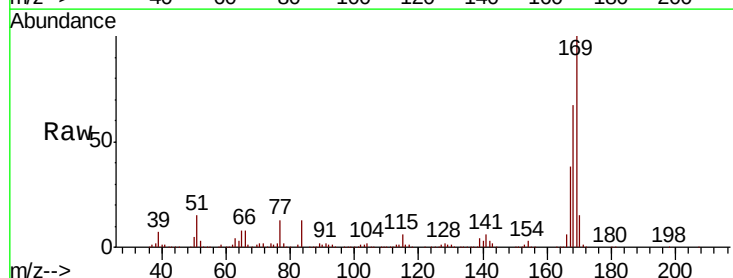
Instrument :
BNA_F
ClientSampled :

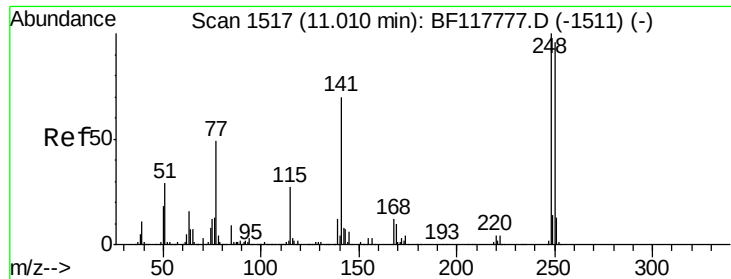
Tot Ion:198 Resp: 503019
Ion Ratio Lower Upper
198 100
51 40.6 16.0 56.0
105 42.4 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 86.872 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Tgt Ion:169 Resp: 2446005
Ion Ratio Lower Upper
169 100
168 67.1 53.5 80.3
167 37.6 29.0 43.4

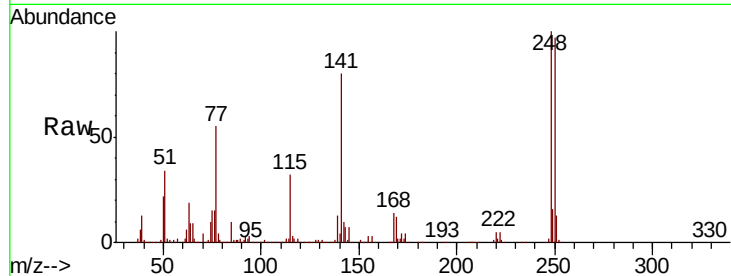




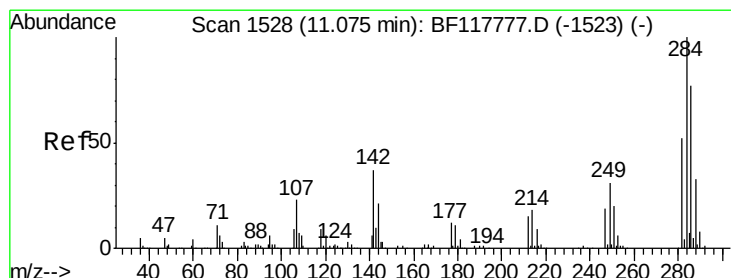
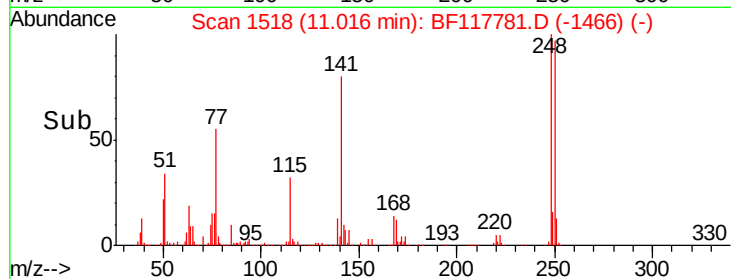
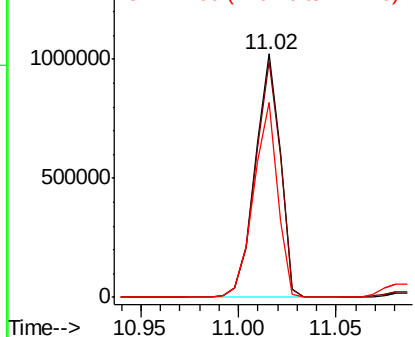
#67
4-Bromophenyl-phenylether
Concen: 87.144 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 907294
Ion Ratio Lower Upper
248 100
250 96.7 76.6 115.0
141 79.9 55.9 83.9

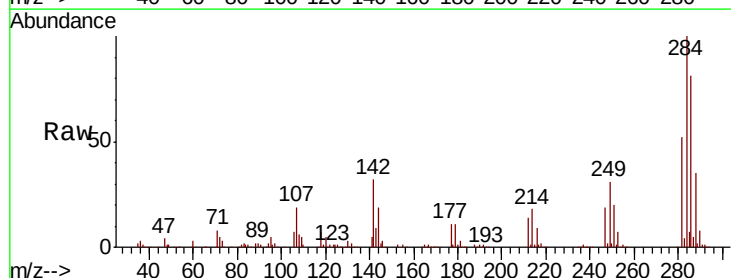


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

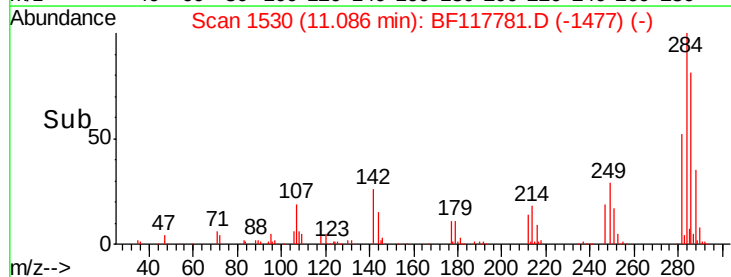
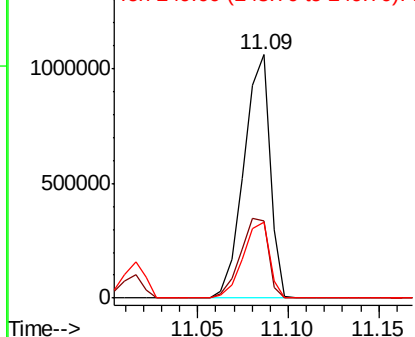


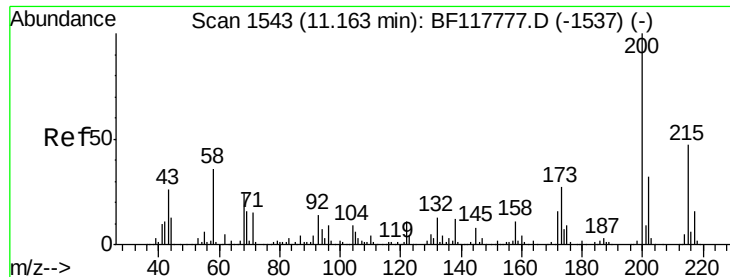
#68
Hexachlorobenzene
Concen: 88.779 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Tgt Ion:284 Resp: 1067777
Ion Ratio Lower Upper
284 100
142 31.8 29.4 44.2
249 31.1 24.6 37.0



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: 86.203 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

Instrument :

BNA_F

ClientSampleId :

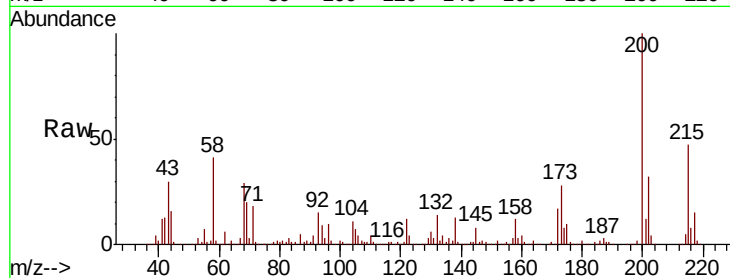
Tot Ion:200 Resp: 799824

Ion Ratio Lower Upper

200 100

173 28.0 6.7 46.7

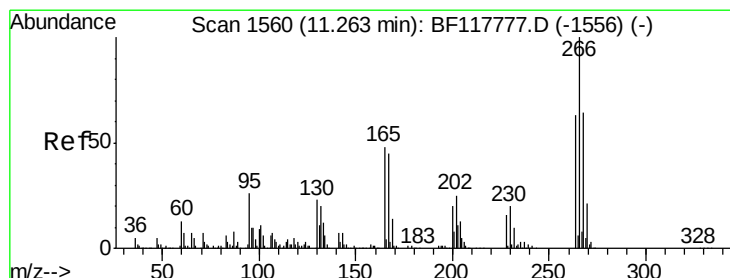
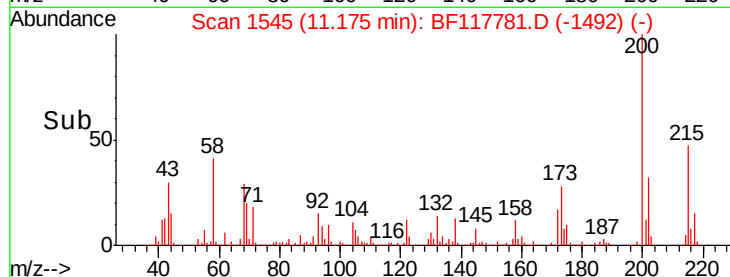
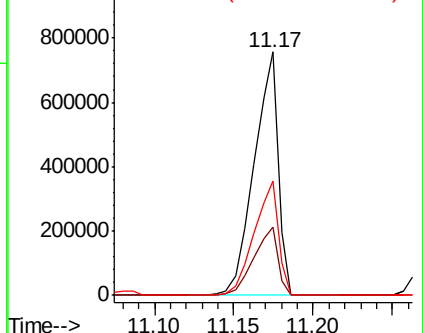
215 46.9 27.5 67.5



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: 98.826 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

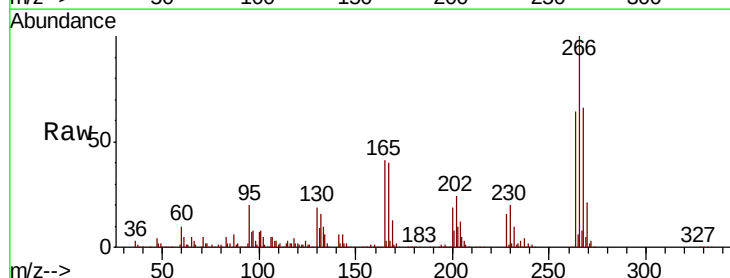
Tgt Ion:266 Resp: 664464

Ion Ratio Lower Upper

266 100

268 65.8 50.8 76.2

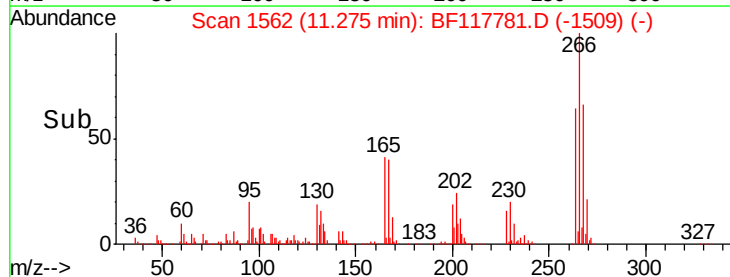
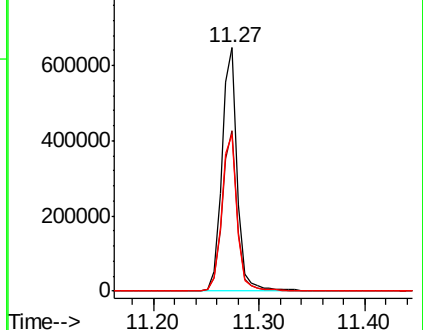
264 64.2 50.7 76.1

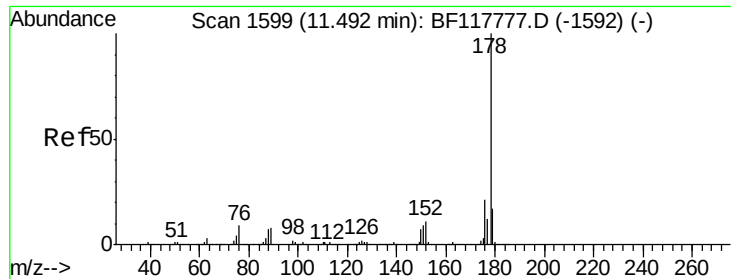


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

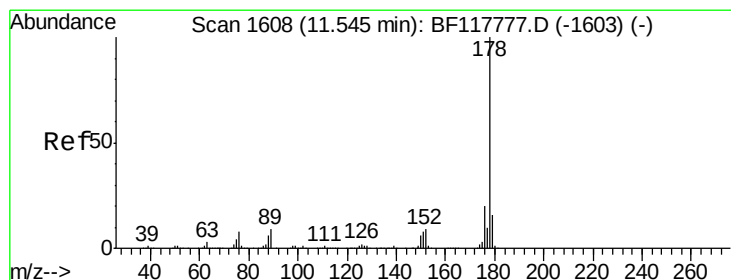
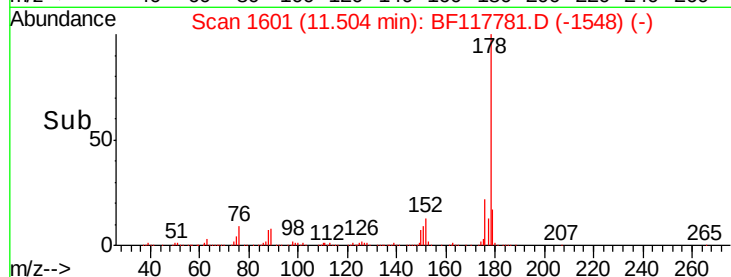
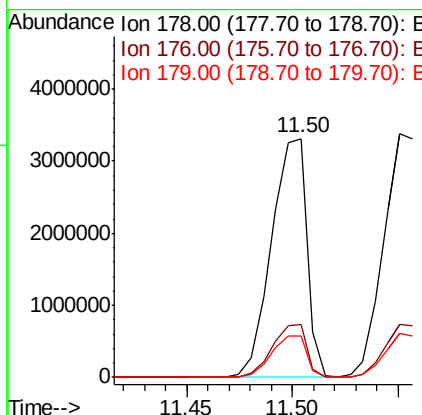
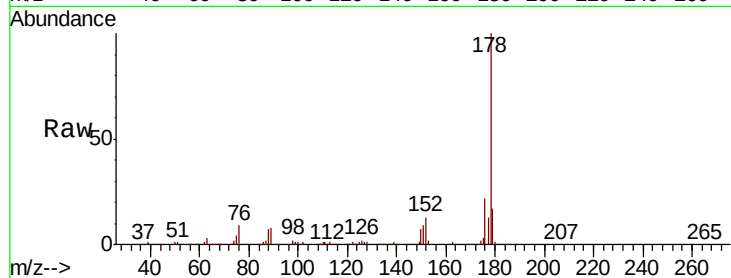




#71
Phenanthrene
Concen: 84.963 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

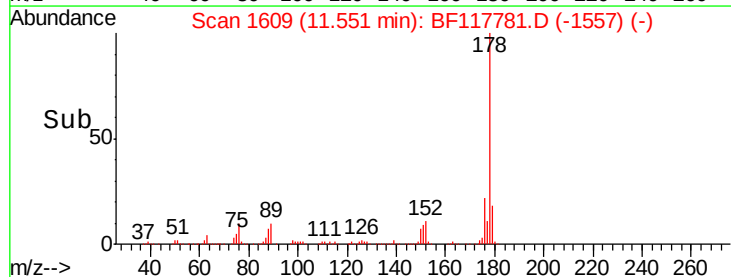
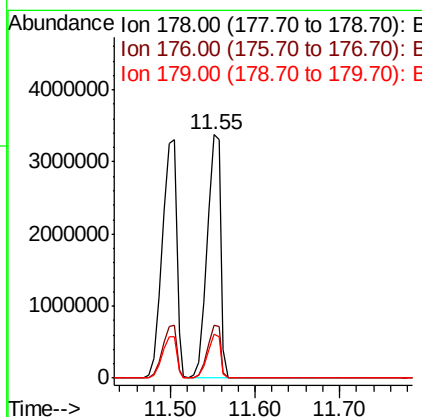
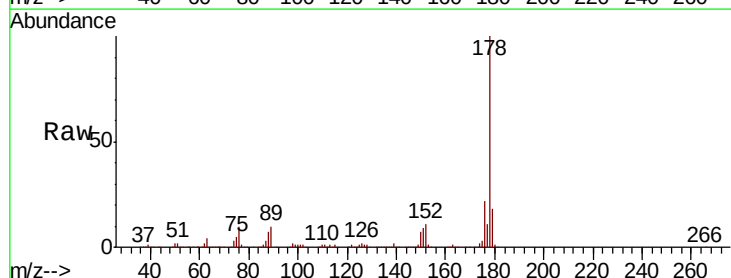
Instrument :
BNA_F
ClientSampleId :

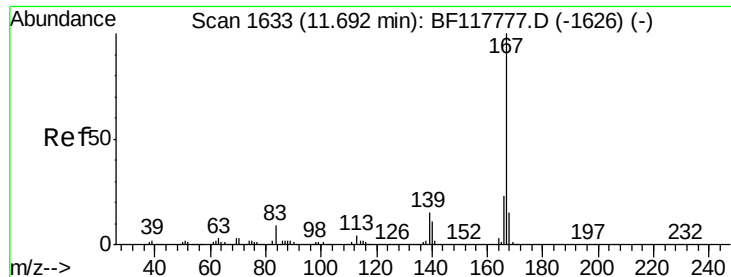
Tot Ion:178 Resp: 3882335
Ion Ratio Lower Upper
178 100
176 22.2 16.6 25.0
179 17.1 13.2 19.8



#72
Anthracene
Concen: 83.546 ng
RT: 11.55 min Scan# 1609
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Tgt Ion:178 Resp: 3798085
Ion Ratio Lower Upper
178 100
176 21.8 16.1 24.1
179 17.9 13.0 19.4

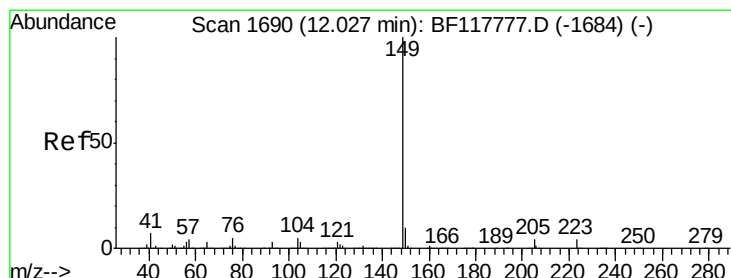
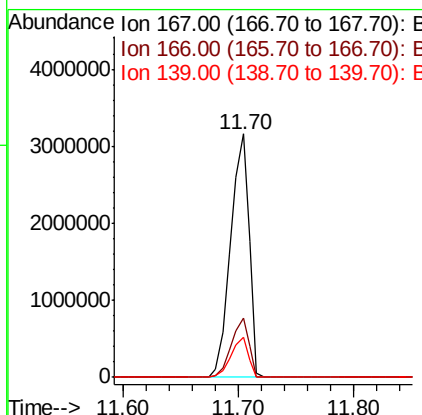
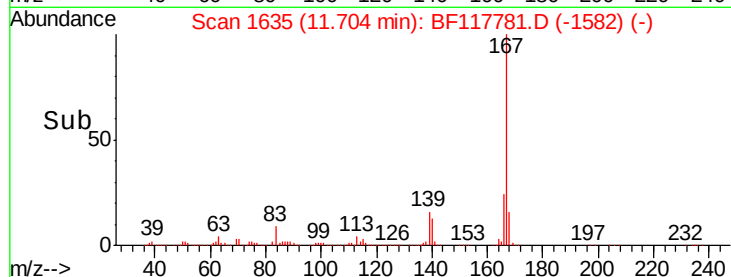
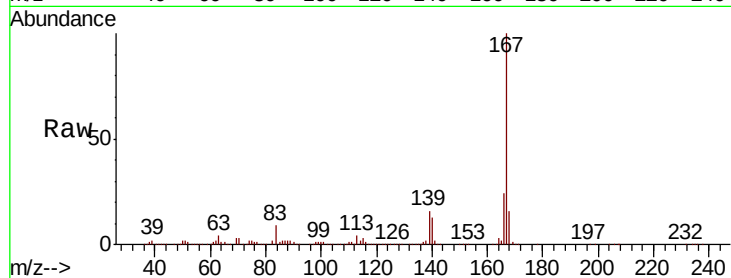




#73
 Carbazole
 Concen: 84.465 ng
 RT: 11.70 min Scan# 1635
 Delta R.T. 0.01 min
 Lab File: BF117781.D
 Acq: 13 Nov 2019 17:45

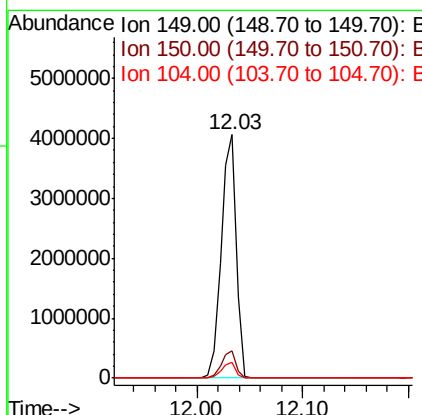
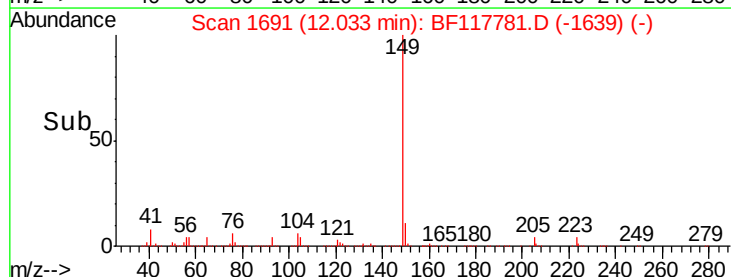
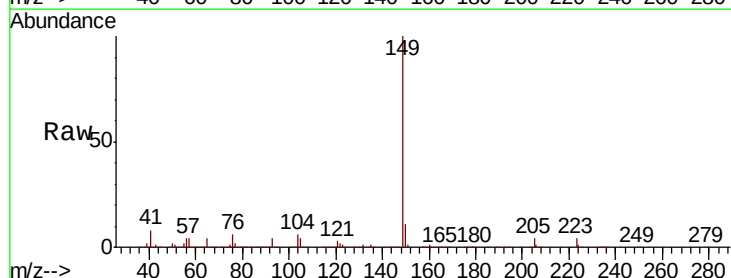
Instrument :
 BNA_F
 ClientSampleId :

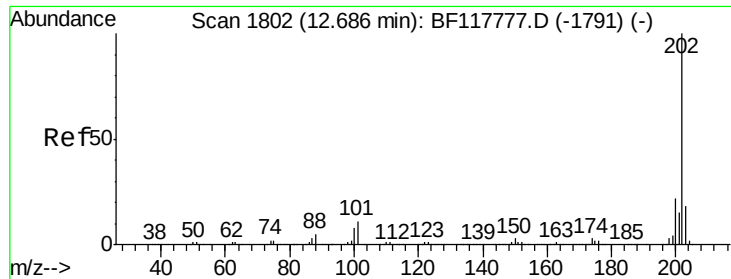
Tot Ion:167 Resp: 3510223
 Ion Ratio Lower Upper
 167 100
 166 24.4 18.0 27.0
 139 16.3 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 79.785 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. 0.01 min
 Lab File: BF117781.D
 Acq: 13 Nov 2019 17:45

Tgt Ion:149 Resp: 4031845
 Ion Ratio Lower Upper
 149 100
 150 11.3 7.9 11.9
 104 6.2 4.2 6.4





#75

Fluoranthene

Concen: 82.375 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

Instrument :

BNA_F

ClientSampleId :

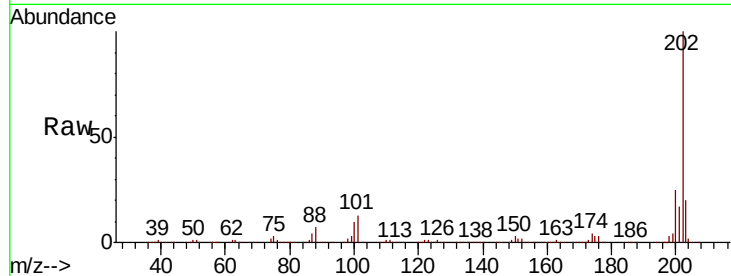
Tot Ion:202 Resp: 3843470

Ion Ratio Lower Upper

202 100

101 13.3 0.0 31.1

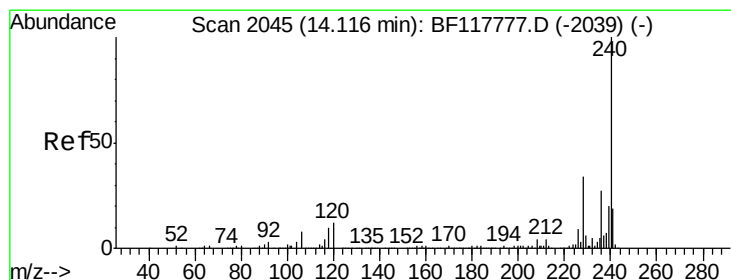
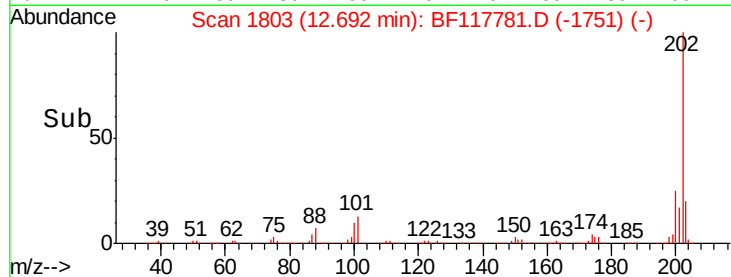
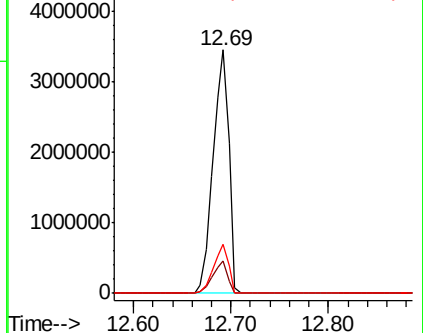
203 20.2 0.0 38.2



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: 14.12 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

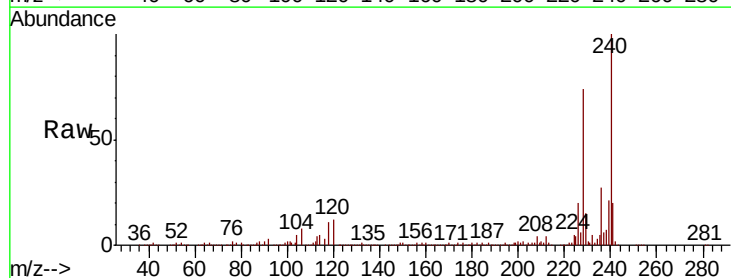
Tgt Ion:240 Resp: 512034

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

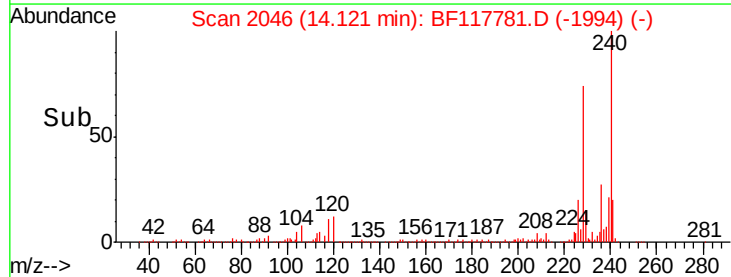
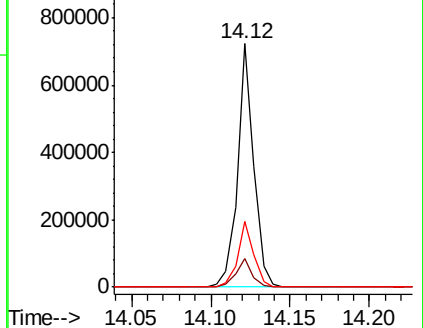
236 27.1 21.3 31.9

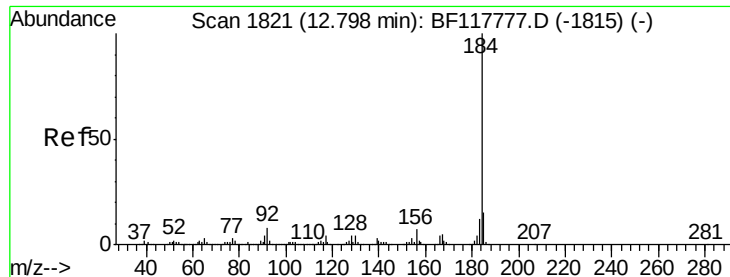


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

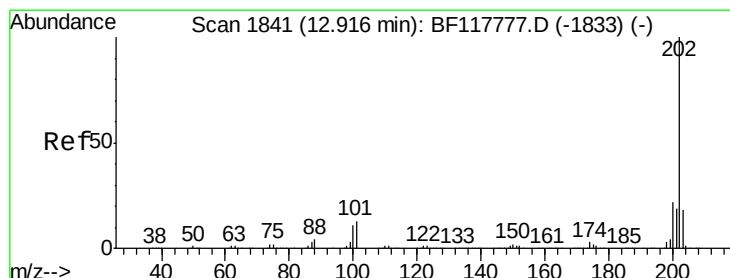
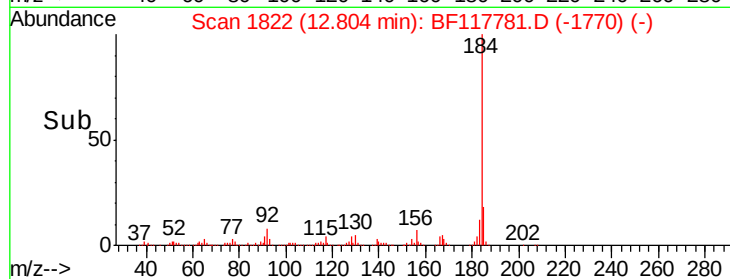
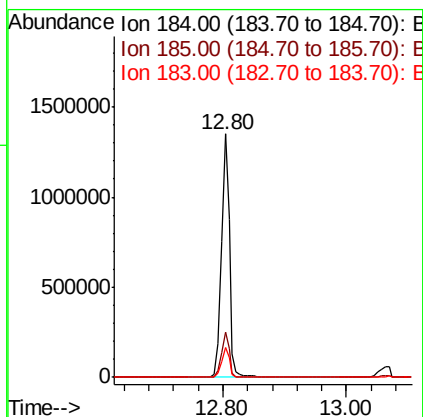
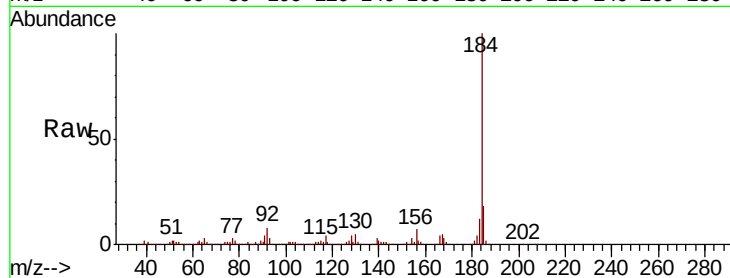




#77
Benzidine
Concen: 68.257 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

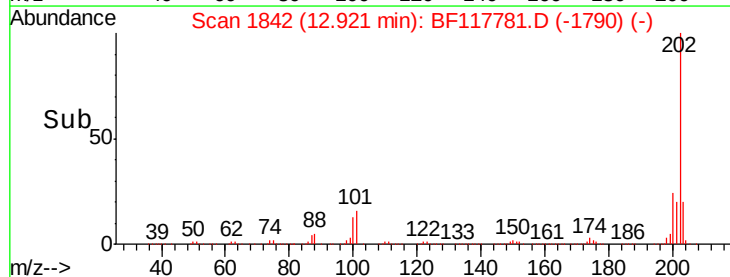
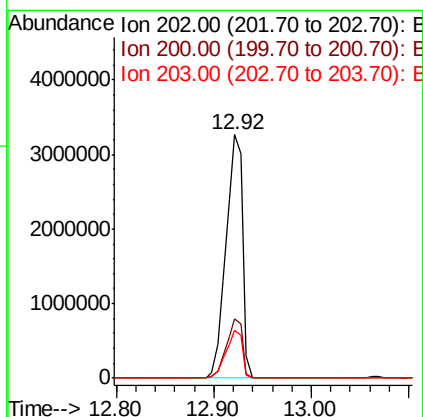
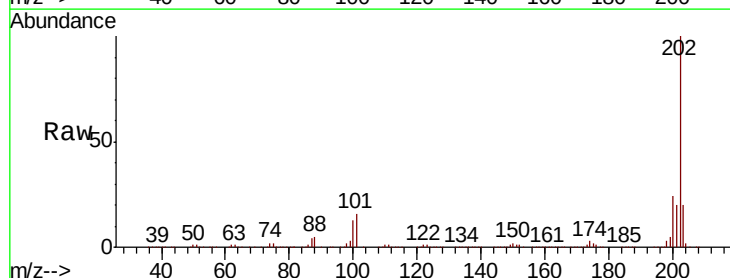
Instrument :
BNA_F
ClientSampleId :

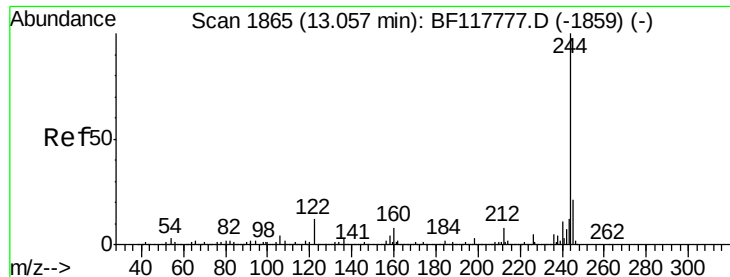
Tot Ion:184 Resp: 1215096
Ion Ratio Lower Upper
184 100
185 18.4 12.2 18.4#
183 12.1 9.5 14.3



#78
Pyrene
Concen: 102.280 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Tgt Ion:202 Resp: 3823017
Ion Ratio Lower Upper
202 100
200 24.5 17.8 26.8
203 19.7 14.6 22.0





#79

Terphenyl-d14

Concen: 194.518 ng

RT: 13.07 min Scan# 1867

Delta R.T. 0.01 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

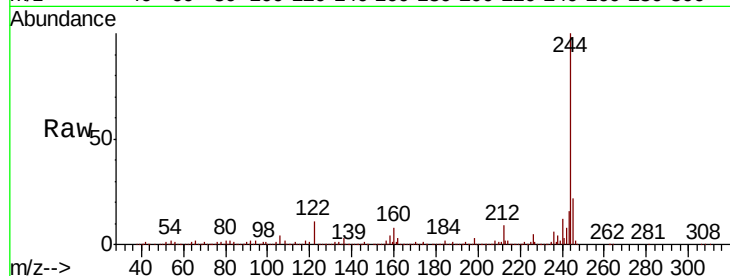
Instrument :

BNA_F

ClientSampled :

Tot Ion:244 Resp: 4838267

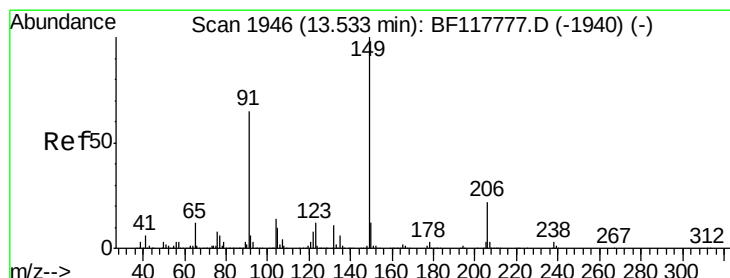
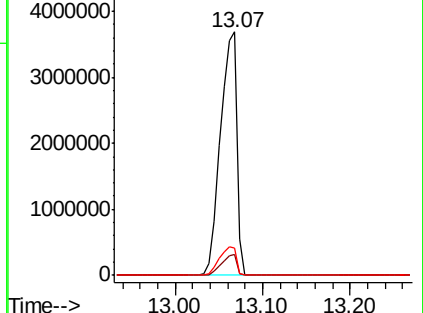
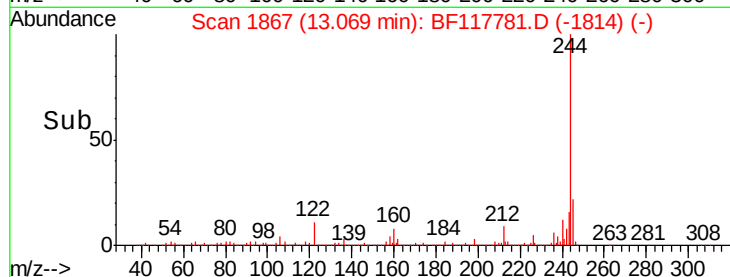
Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.3	9.5
122	11.0	9.4	14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 100.791 ng

RT: 13.53 min Scan# 1946

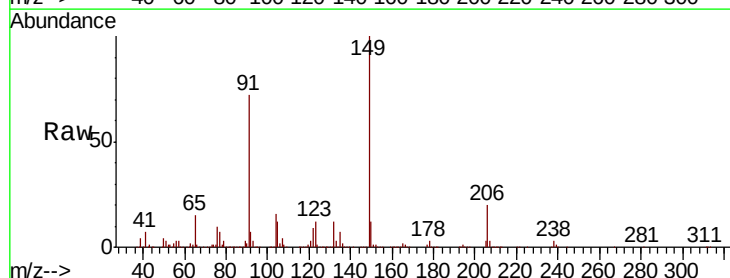
Delta R.T. -0.00 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

Tgt Ion:149 Resp: 1740148

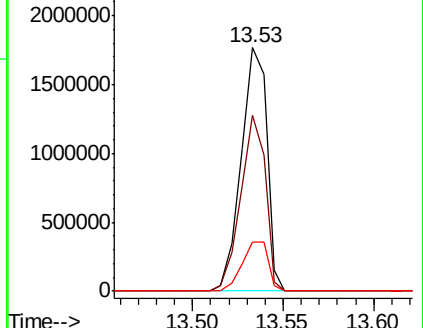
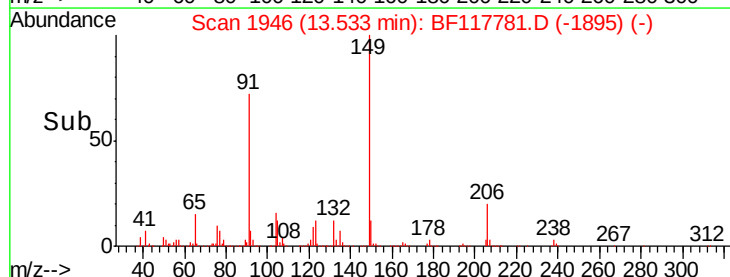
Ion	Ratio	Lower	Upper
149	100		
91	72.0	51.9	77.9
206	20.0	17.2	25.8

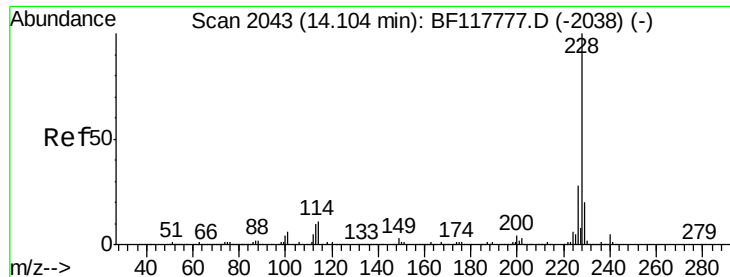


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 96.264 ng

RT: 14.11 min Scan# 2044

Delta R.T. 0.01 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

Instrument :

BNA_F

ClientSampleId :

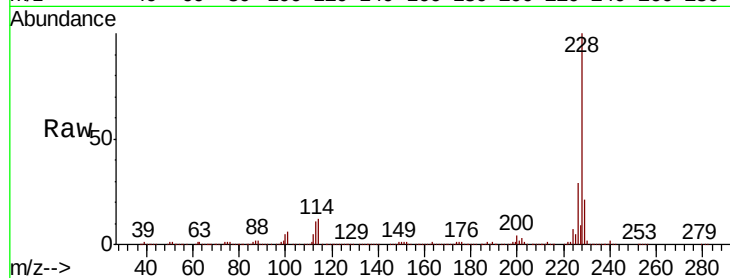
Tot Ion:228 Resp: 3068127

Ion Ratio Lower Upper

228 100

226 28.9 22.2 33.2

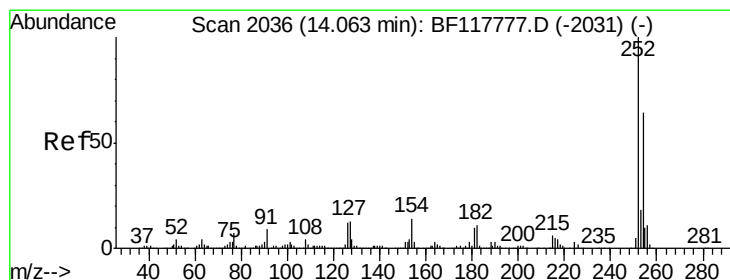
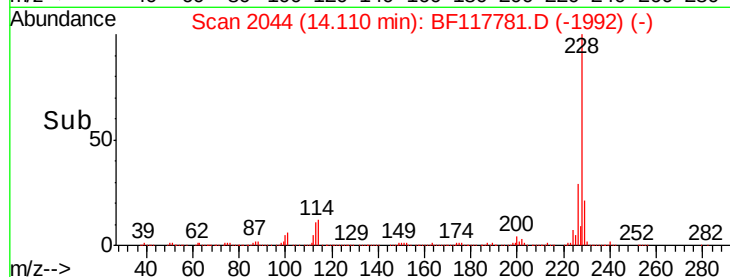
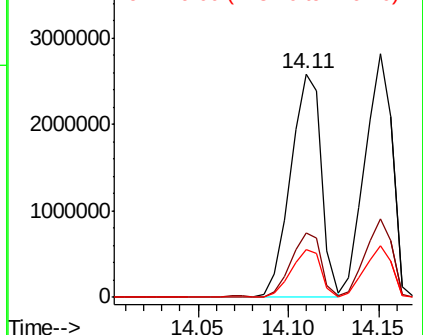
229 21.3 15.9 23.9



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: 86.500 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.01 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

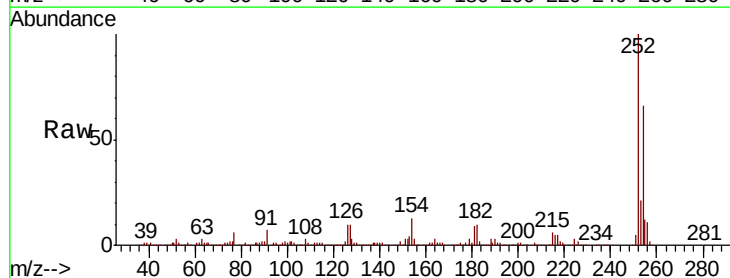
Tgt Ion:252 Resp: 1029652

Ion Ratio Lower Upper

252 100

254 66.3 51.0 76.6

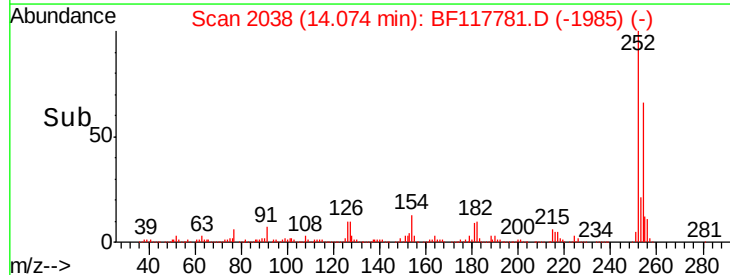
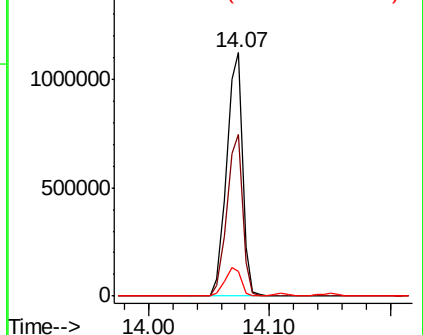
126 10.1 9.7 14.5

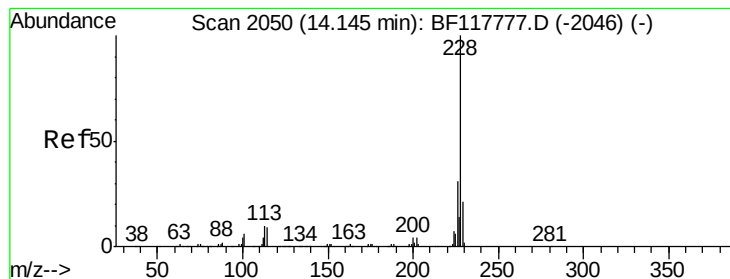


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 94.067 ng

RT: 14.15 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

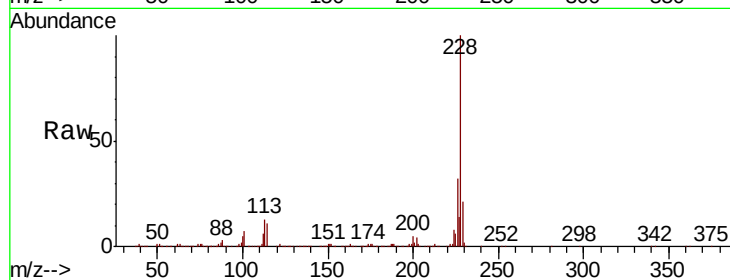
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2960765

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.0	37.4
229	21.3	16.6	25.0

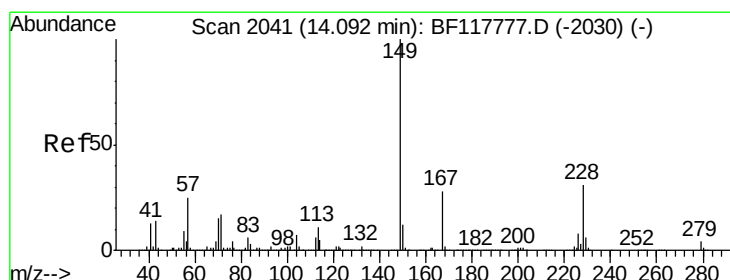
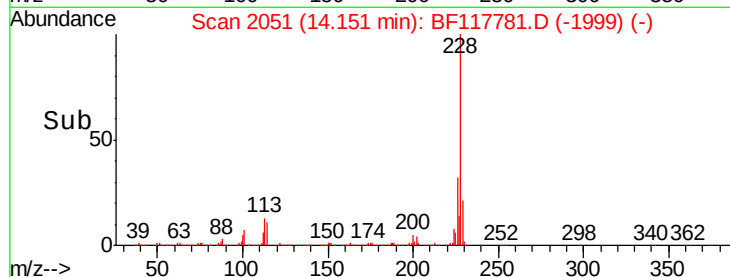
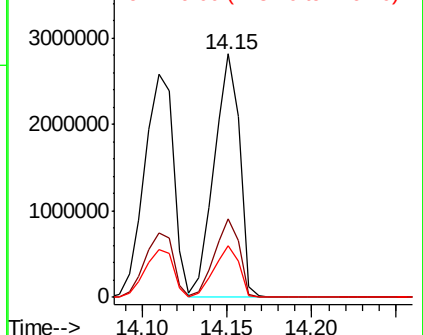


Abundance

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: 91.551 ng

RT: 14.09 min Scan# 2041

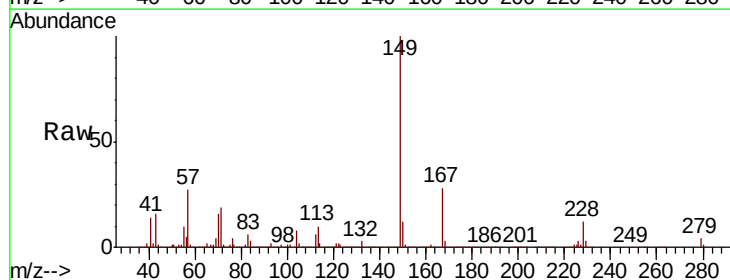
Delta R.T. -0.00 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

Tgt Ion:149 Resp: 2038907

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.2
279	4.1	3.4	5.2

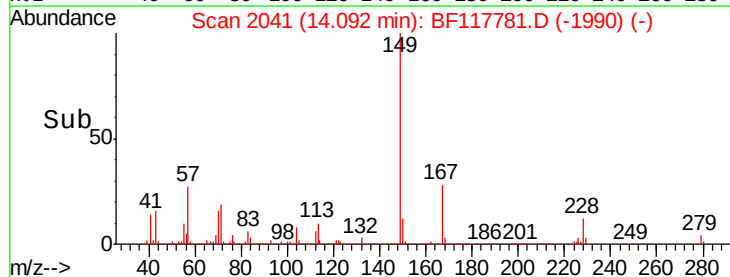
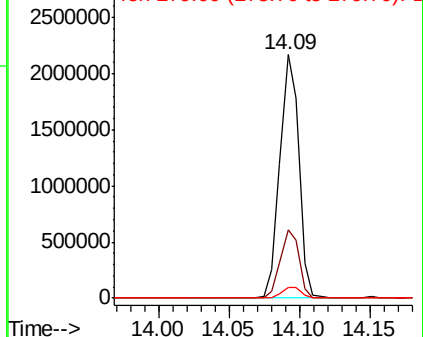


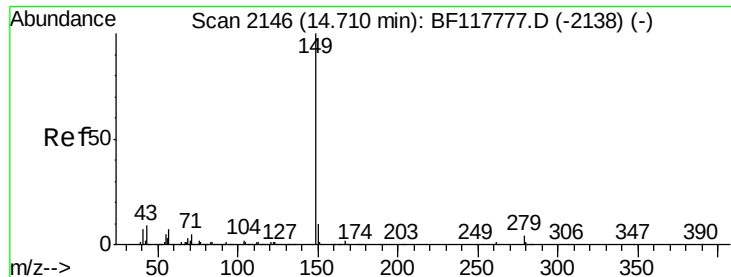
Abundance

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

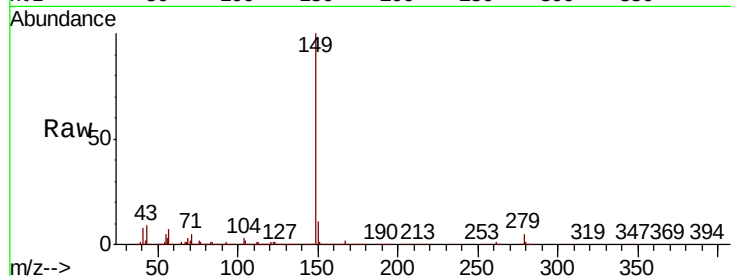




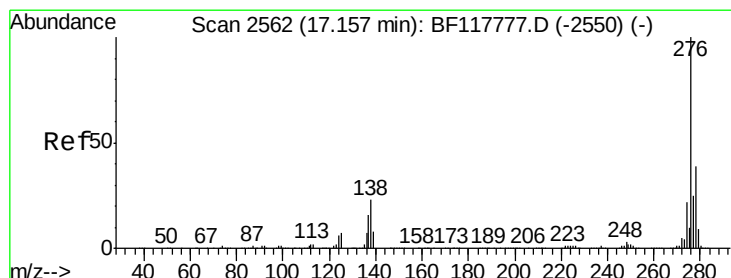
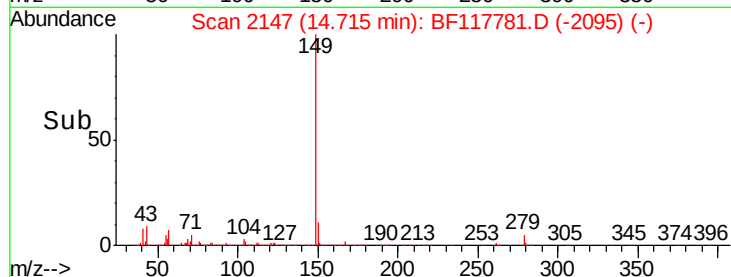
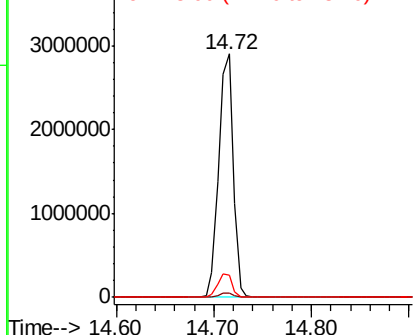
#85
Di-n-octyl phthalate
Concen: 86.132 ng
RT: 14.72 min Scan# 2147
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 3018530
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.8 7.4 11.2

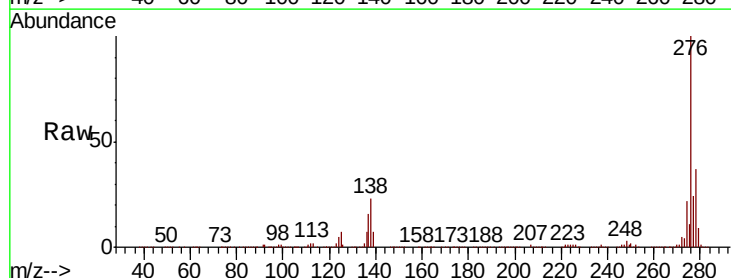


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

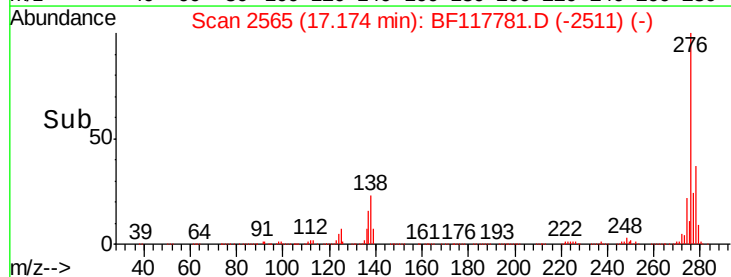
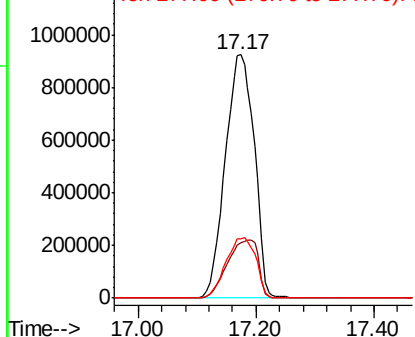


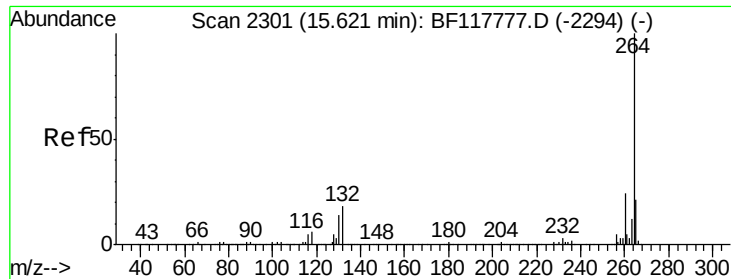
#86
Indeno(1,2,3-cd)pyrene
Concen: 108.248 ng
RT: 17.17 min Scan# 2565
Delta R.T. 0.02 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Tgt Ion:276 Resp: 3171154
Ion Ratio Lower Upper
276 100
138 25.6 20.9 31.3
277 25.8 20.3 30.5



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

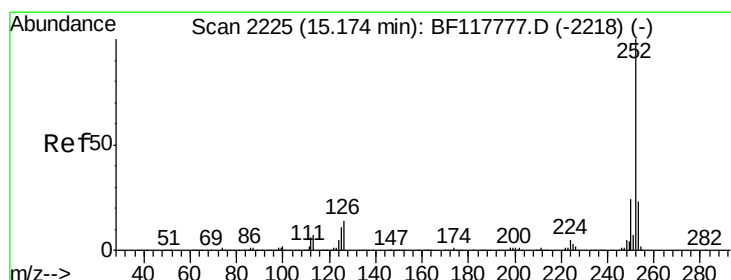
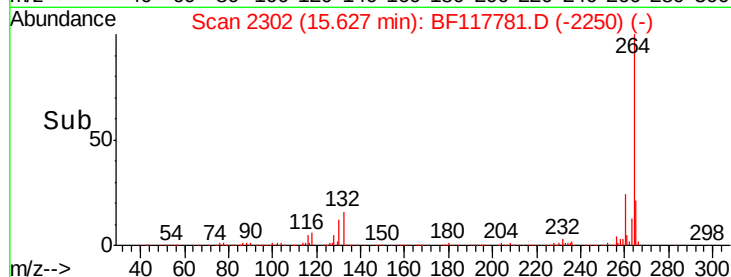
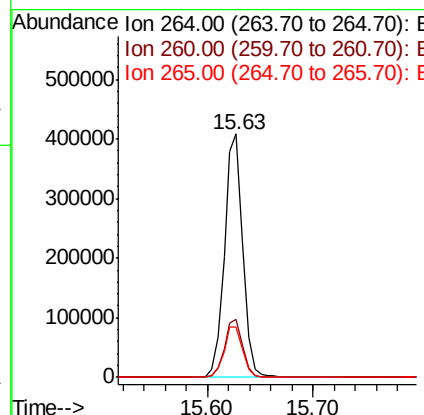
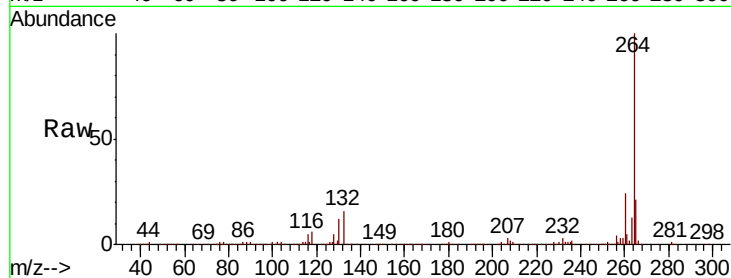




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

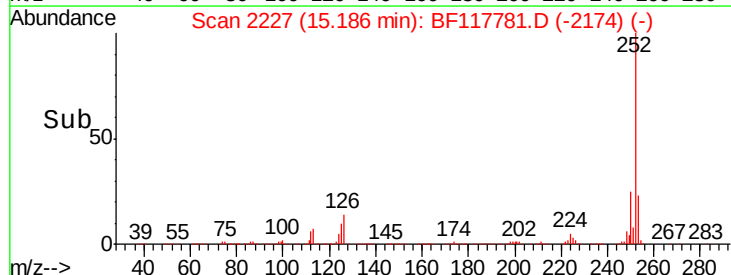
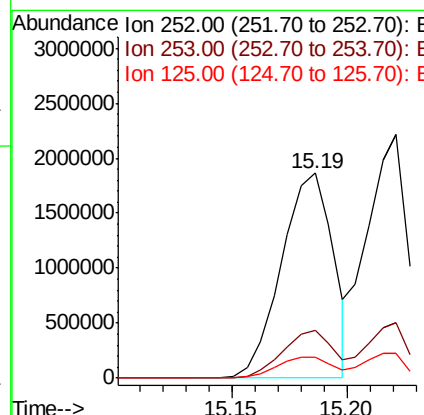
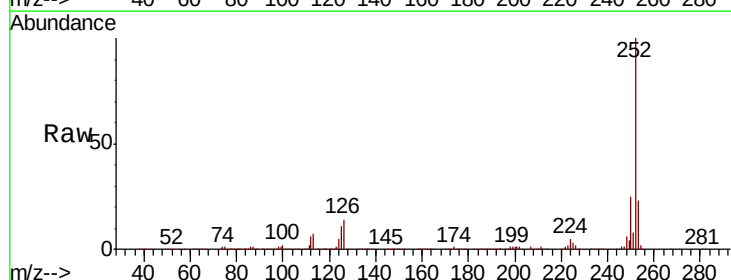
Instrument :
BNA_F
ClientSampled :

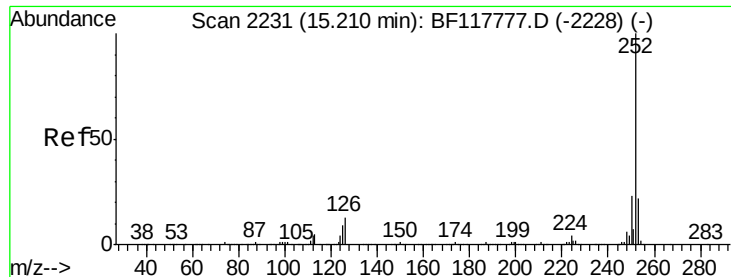
Tot Ion:264 Resp: 492826
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.0
265 20.7 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 93.615 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Tgt Ion:252 Resp: 2905705
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 10.5 8.6 13.0

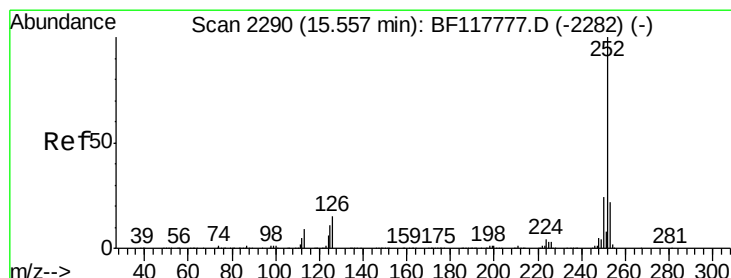
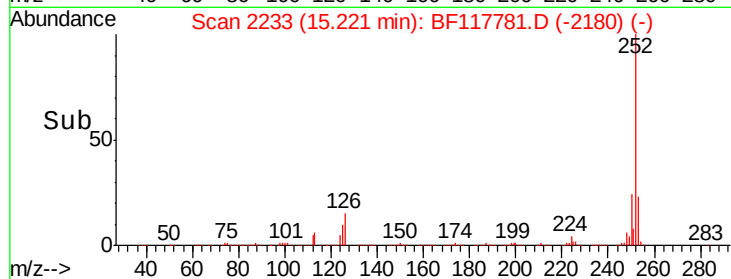
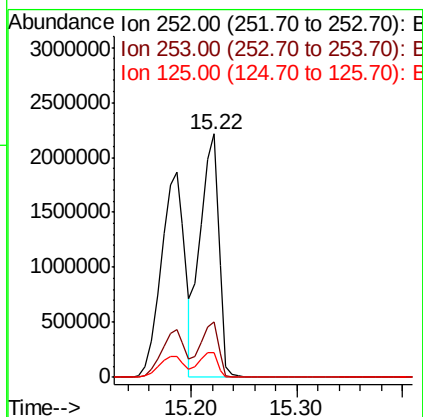
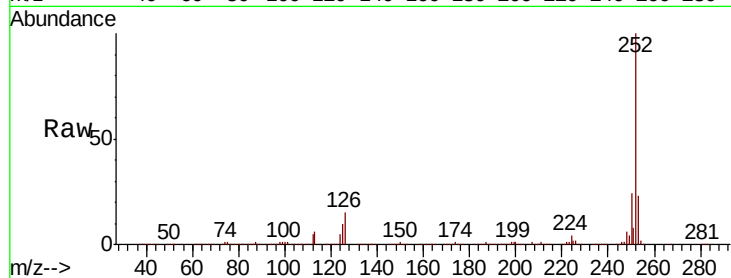




#89
Benzo(k)fluoranthene
Concen: 97.215 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

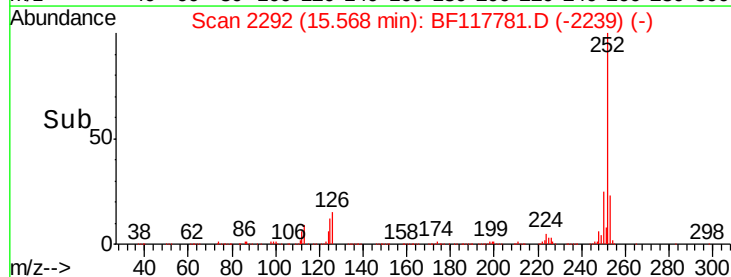
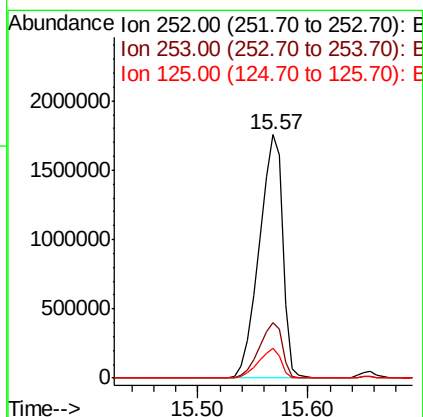
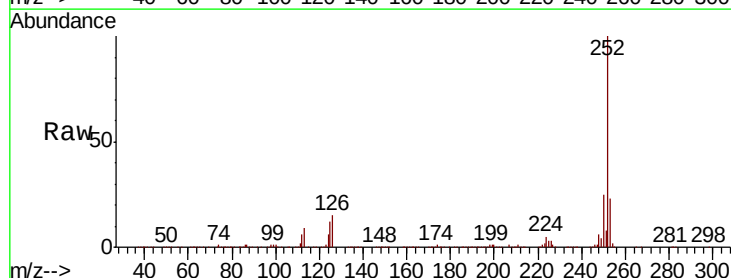
Instrument :
BNA_F
ClientSampled :

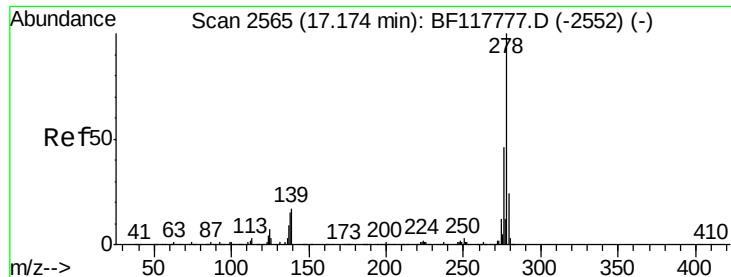
Tot Ion:252 Resp: 2691233
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 10.4 7.9 11.9



#90
Benzo(a)pyrene
Concen: 97.753 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.01 min
Lab File: BF117781.D
Acq: 13 Nov 2019 17:45

Tgt Ion:252 Resp: 2630231
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 12.1 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 103.187 ng

RT: 17.20 min Scan# 2569

Delta R.T. 0.02 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

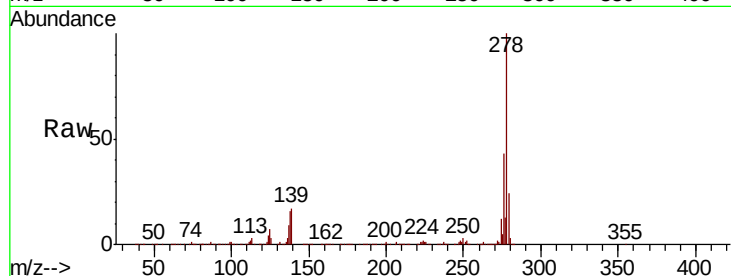
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 2490096

Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.8	20.8
279	24.2	19.6	29.4

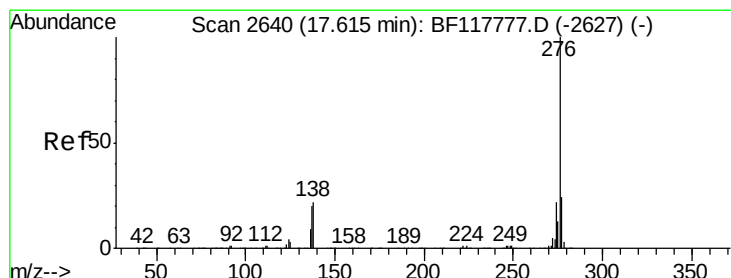
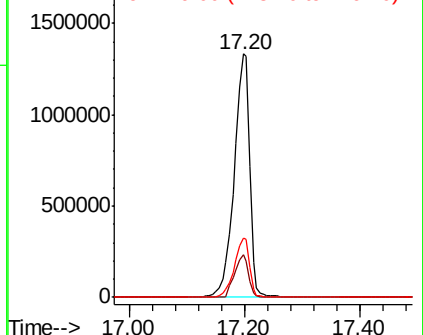
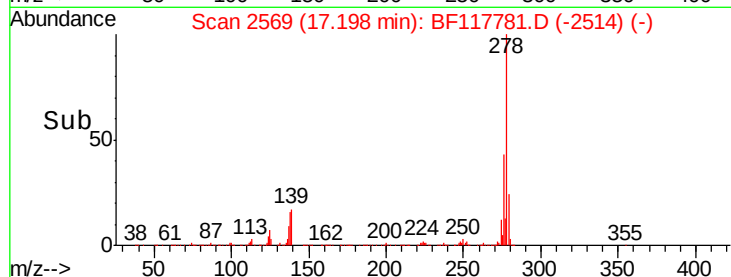


Abundance

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: 109.517 ng

RT: 17.64 min Scan# 2645

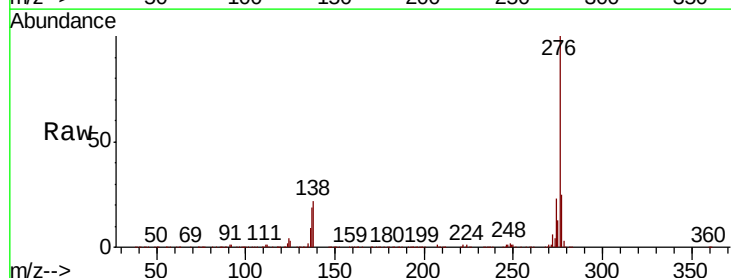
Delta R.T. 0.03 min

Lab File: BF117781.D

Acq: 13 Nov 2019 17:45

Tgt Ion:276 Resp: 2561257

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.9	28.3
138	22.5	17.4	26.2



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

