

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
 Data File : BF117397.D
 Acq On : 14 Oct 2019 13:02
 Operator : JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 14:26:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 14:19:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	47251	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	198819	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	99009	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	158723	20.00	ng	0.00
76) Chrysene-d12	13.96	240	115532	20.00	ng	0.00
87) Perylene-d12	15.42	264	92472	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	248546	82.12	ng	0.00
7) Phenol-d6	6.44	99	325005	83.09	ng	0.00
23) Nitrobenzene-d5	7.36	82	311260	82.26	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	69051	83.45	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	558842	88.25	ng	0.00
79) Terphenyl-d14	12.90	244	548891	88.81	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.51	88	50608	39.961	ng	100
3) Pyridine	3.26	79	135037	38.957	ng	100
4) n-Nitrosodimethylamine	3.20	42	45509	38.257	ng	100
6) Aniline	6.46	93	205301	40.768	ng	100
8) 2-Chlorophenol	6.59	128	136106	41.687	ng	100
9) Benzaldehyde	6.35	77	84324	39.483	ng	100
10) Phenol	6.45	94	175458	40.692	ng	100
11) bis(2-Chloroethyl)ether	6.53	93	135414	42.730	ng	100
12) 1,3-Dichlorobenzene	6.73	146	152365	41.587	ng	100
13) 1,4-Dichlorobenzene	6.81	146	153019	40.926	ng	100
14) 1,2-Dichlorobenzene	6.96	146	146201	41.999	ng	100
15) Benzyl Alcohol	6.95	79	125346	41.790	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.07	45	137566	43.937	ng	100
17) 2-Methylphenol	7.06	107	109672	40.080	ng	100
18) Hexachloroethane	7.30	117	59879	41.630	ng	100
19) n-Nitroso-di-n-propylamine	7.21	70	101245	42.510	ng	100
20) 3+4-Methylphenols	7.22	107	144373	42.358	ng	100
22) Acetophenone	7.21	105	208683	41.312	ng	100
24) Nitrobenzene	7.38	77	155436	41.596	ng	100
25) Isophorone	7.62	82	274349	40.949	ng	100
26) 2-Nitrophenol	7.70	139	71144	44.324	ng	100
27) 2,4-Dimethylphenol	7.74	122	103889	40.815	ng	100
28) bis(2-Chloroethoxy)methane	7.82	93	172160	41.707	ng	100
29) 2,4-Dichlorophenol	7.95	162	110666	41.494	ng	100
30) 1,2,4-Trichlorobenzene	8.02	180	118325	41.065	ng	100
31) Naphthalene	8.10	128	399716	41.803	ng	100
32) Benzoic acid	7.89	122	62534	34.931	ng	100
33) 4-Chloroaniline	8.15	127	172781	40.740	ng	100
34) Hexachlorobutadiene	8.22	225	67015	40.994	ng	100
35) Caprolactam	8.53	113	35581	39.415	ng	100
36) 4-Chloro-3-methylphenol	8.64	107	124761	40.118	ng	100
37) 2-Methylnaphthalene	8.79	142	271307	42.135	ng	100
38) 1-Methylnaphthalene	8.89	142	251558	41.714	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	109120	42.680	ng	100

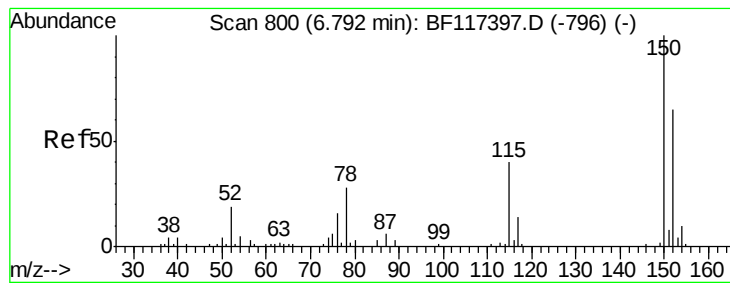
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
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 QLast Update : Mon Oct 14 14:19:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	15987	16.625	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	69486	40.049	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	75187	40.560	ng	100
46) 1,1'-Biphenyl	9.25	154	334366	43.054	ng	100
47) 2-Chloronaphthalene	9.28	162	259831	42.392	ng	100
48) 2-Nitroaniline	9.38	65	83656	42.552	ng	100
49) Acenaphthylene	9.69	152	386559	42.100	ng	100
50) Dimethylphthalate	9.55	163	293135	41.815	ng	100
51) 2,6-Dinitrotoluene	9.62	165	61168	42.841	ng	100
52) Acenaphthene	9.86	154	231521	42.536	ng	100
53) 3-Nitroaniline	9.79	138	74664	41.447	ng	100
54) 2,4-Dinitrophenol	9.92	184	24554	48.584	ng	100
55) Dibenzofuran	10.03	168	339959	42.333	ng	100
56) 4-Nitrophenol	9.98	139	31387	26.883	ng	100
57) 2,4-Dinitrotoluene	10.03	165	82838	44.697	ng	100
58) Fluorene	10.38	166	280625	43.380	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	54709	38.566	ng	100
60) Diethylphthalate	10.24	149	292803	42.454	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	127051	45.394	ng	100
62) 4-Nitroaniline	10.41	138	78311	41.802	ng	100
63) Azobenzene	10.53	77	300563	42.669	ng	100
65) 4,6-Dinitro-2-methylphenol	10.45	198	32965	49.485	ng	100
66) n-Nitrosodiphenylamine	10.49	169	236770	43.193	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	71882	44.346	ng	100
68) Hexachlorobenzene	10.93	284	75876	42.797	ng	100
69) Atrazine	11.02	200	46045	34.196	ng	100
70) Pentachlorophenol	11.13	266	22780	27.411	ng	100
71) Phenanthrene	11.34	178	388083	43.047	ng	100
72) Anthracene	11.39	178	402077	43.685	ng	100
73) Carbazole	11.55	167	366565	41.958	ng	100
74) Di-n-butylphthalate	11.87	149	485285	46.687	ng	100
75) Fluoranthene	12.53	202	389067	42.001	ng	100
77) Benzidine	12.65	184	144426	38.808	ng	100
78) Pyrene	12.76	202	394049	40.649	ng	100
80) Butylbenzylphthalate	13.37	149	197088	43.027	ng	100
81) Benzo(a)anthracene	13.95	228	319328	41.370	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	101477	40.797	ng	100
83) Chrysene	13.99	228	316536	42.046	ng	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	278105	47.089	ng	100
85) Di-n-octyl phthalate	14.54	149	443008	47.658	ng	100
86) Indeno(1,2,3-cd)pyrene	16.87	276	203818	37.109	ng	100
88) Benzo(b)fluoranthene	15.00	252	246685	44.040	ng	100
89) Benzo(k)fluoranthene	15.02	252	234564	44.207	ng	100
90) Benzo(a)pyrene	15.36	252	208884	42.497	ng	100
91) Dibenzo(a,h)anthracene	16.87	278	169664	43.329	ng	100
92) Benzo(g,h,i)perylene	17.30	276	160612	41.162	ng	100

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

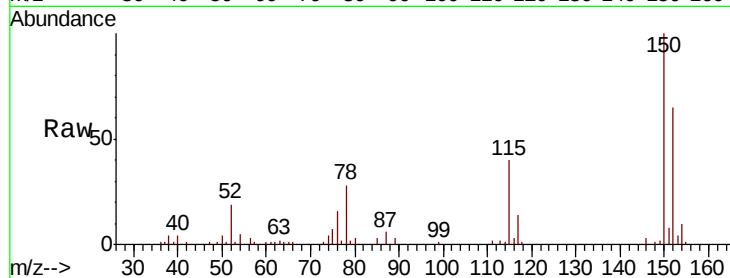


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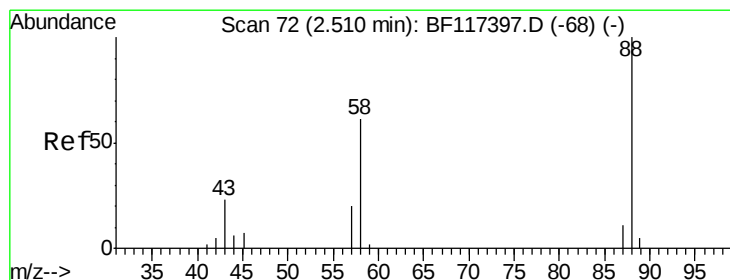
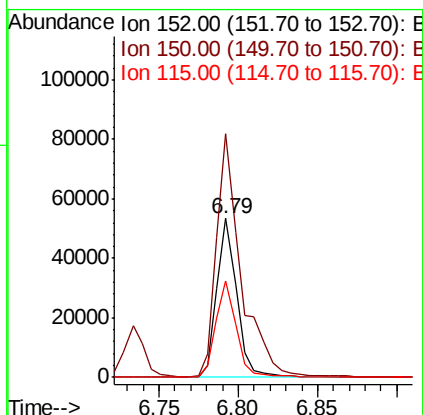
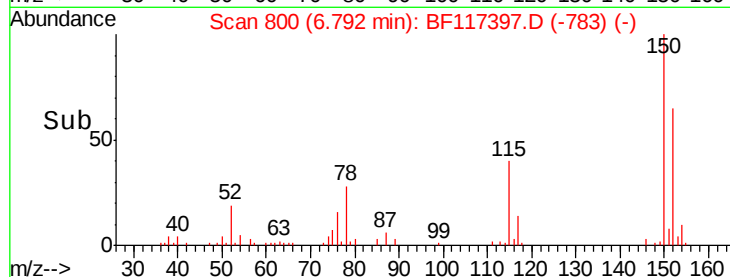
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 47251
Ion Ratio Lower Upper
152 100
150 153.4 122.7 184.1
115 60.8 48.6 73.0



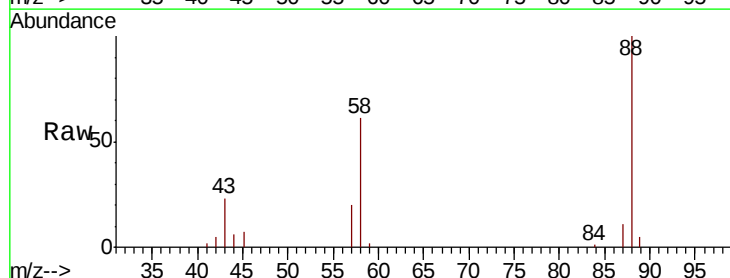
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



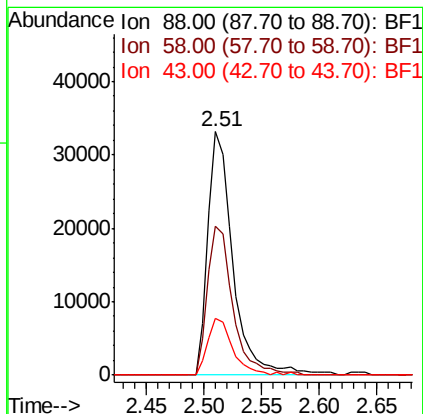
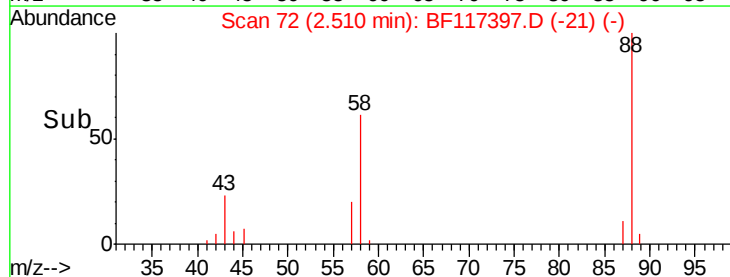
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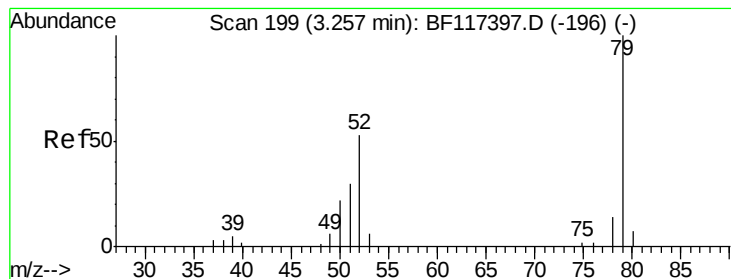
1,4-Dioxane
Concen: 39.961 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Tgt Ion: 88 Resp: 50608
Ion Ratio Lower Upper
88 100
58 61.8 49.4 74.2
43 22.6 18.1 27.1



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: 38.957 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

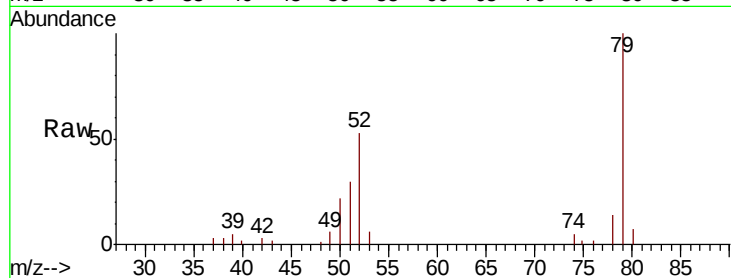
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 135037

Ion	Ratio	Lower	Upper
79	100		
52	53.4	42.7	64.1
51	29.8	23.8	35.8

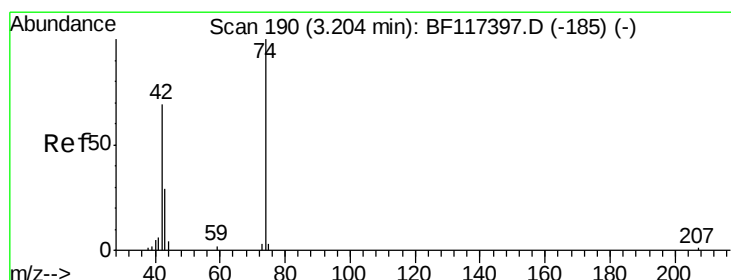
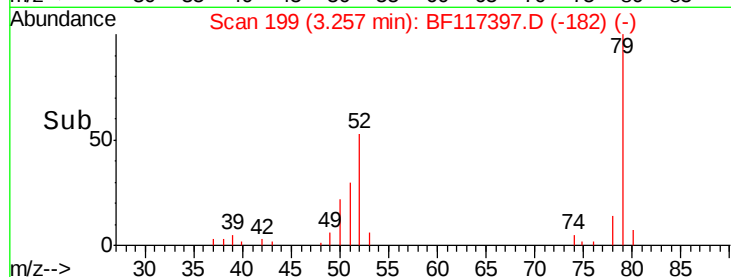
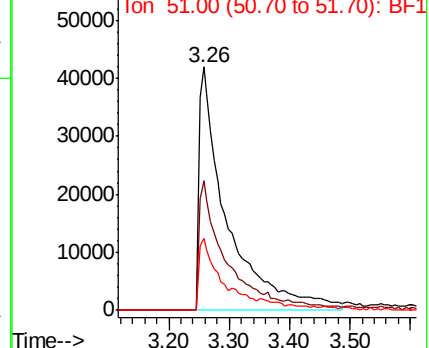


Abundance

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: 38.257 ng

RT: 3.20 min Scan# 190

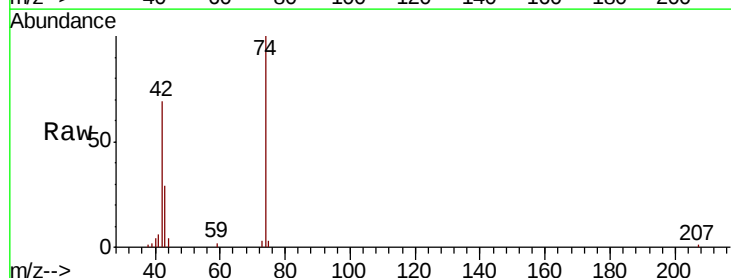
Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

Tgt Ion: 42 Resp: 45509

Ion	Ratio	Lower	Upper
42	100		
74	145.3	116.2	174.4
44	5.3	4.2	6.4

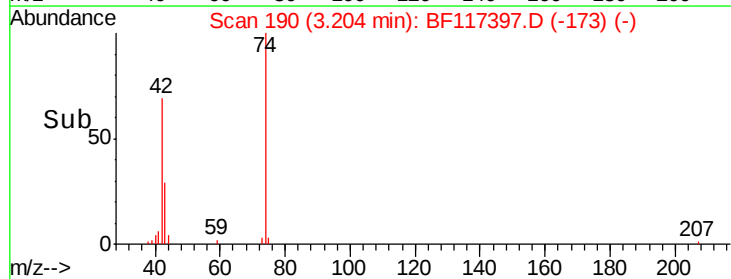
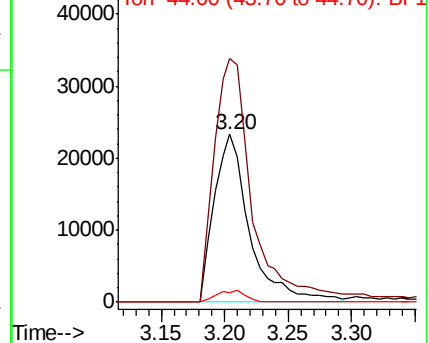


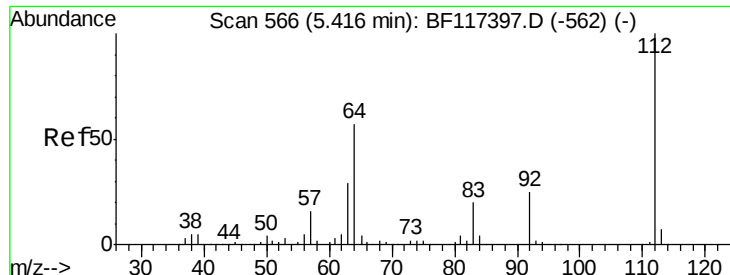
Abundance

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

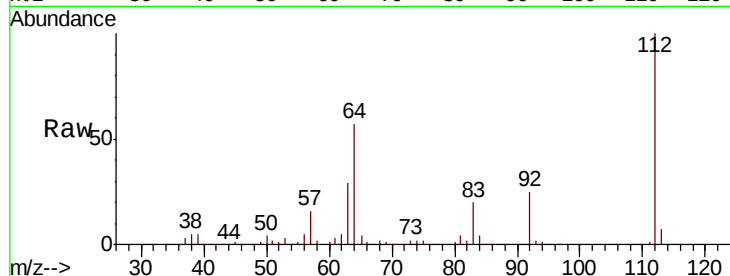




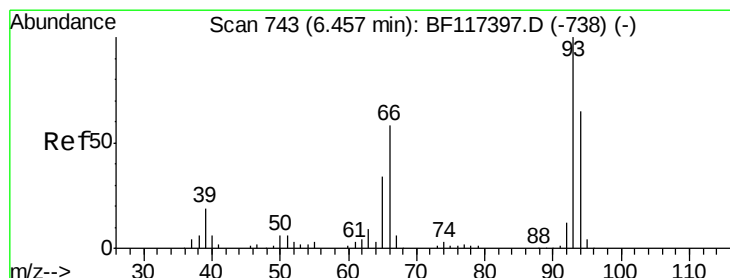
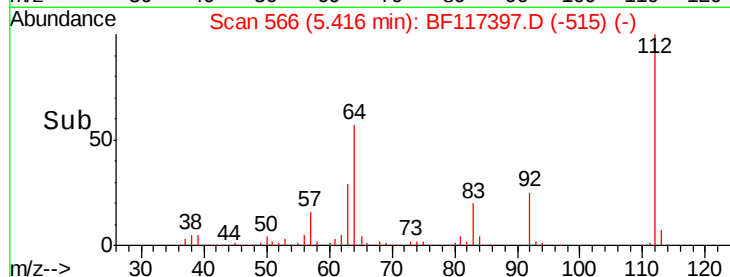
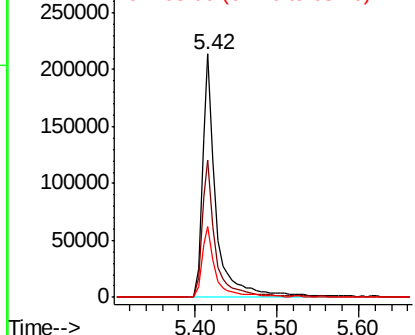
#5
2-Fluorophenol
Concen: 82.124 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Instrument :
BNA_F
ClientSampled :

Tot Ion: 112 Resp: 248546
Ion Ratio Lower Upper
112 100
64 56.5 45.2 67.8
63 29.3 23.4 35.2

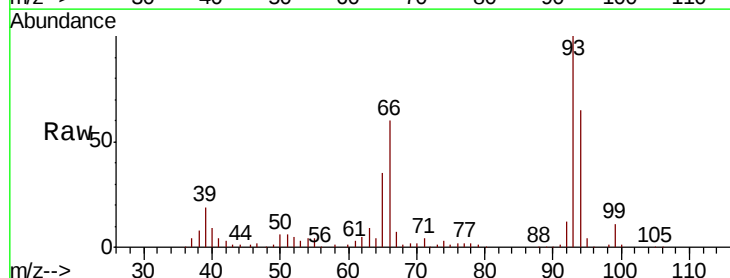


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

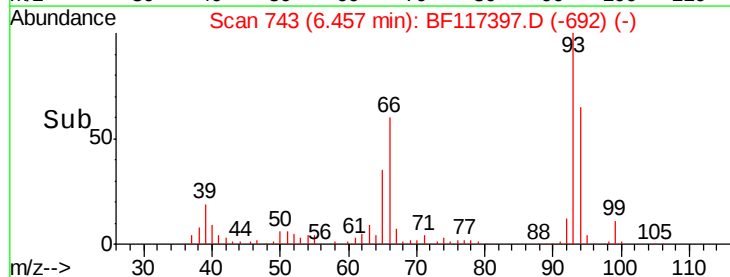
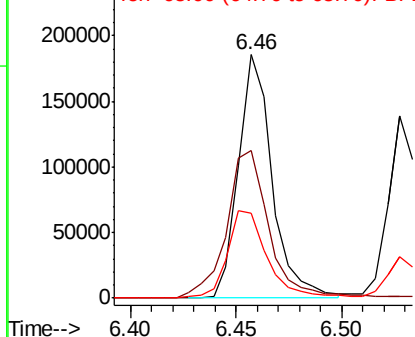


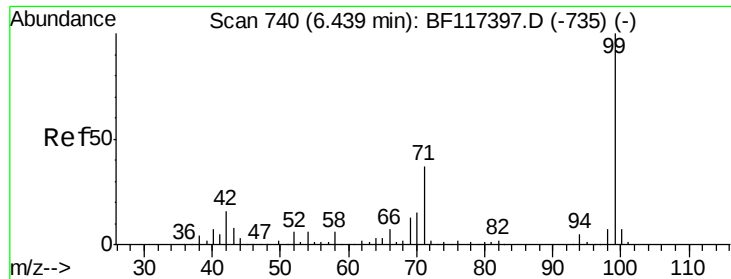
#6
Aniline
Concen: 40.768 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Tgt Ion: 93 Resp: 205301
Ion Ratio Lower Upper
93 100
66 60.5 48.4 72.6
65 34.7 27.8 41.6



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: 83.094 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

Instrument :

BNA_F

ClientSampleId :

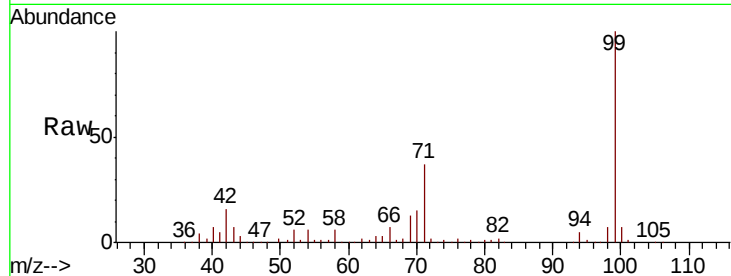
Tot Ion: 99 Resp: 325005

Ion Ratio Lower Upper

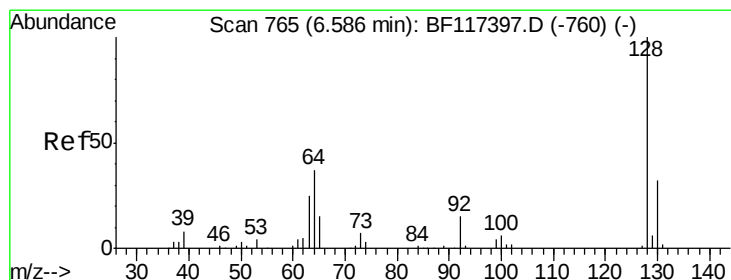
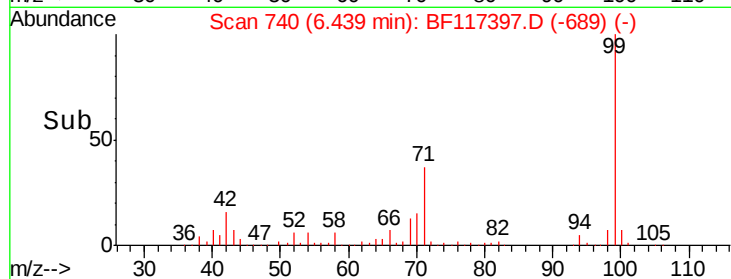
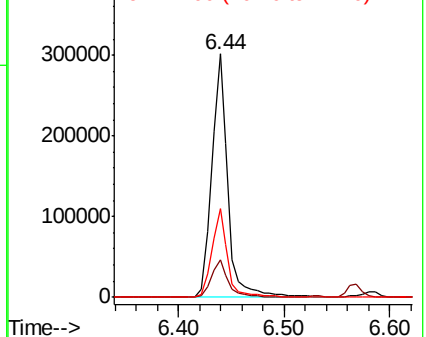
99 100

42 15.6 12.5 18.7

71 36.5 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.687 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

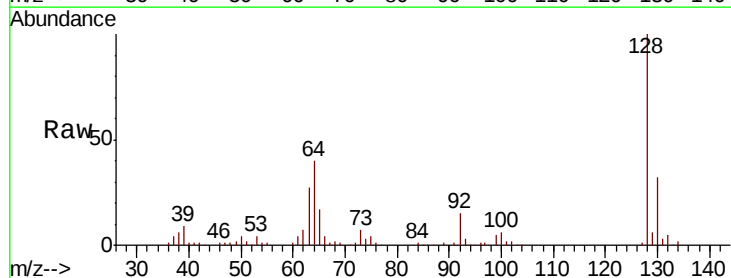
Tgt Ion: 128 Resp: 136106

Ion Ratio Lower Upper

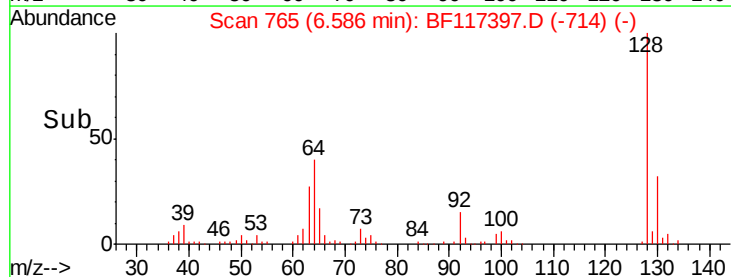
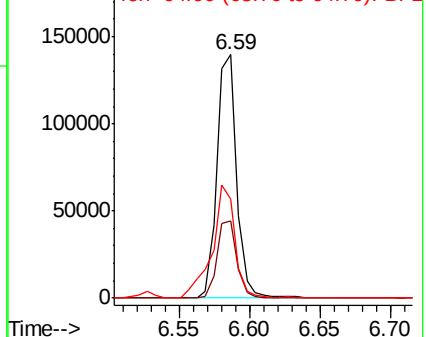
128 100

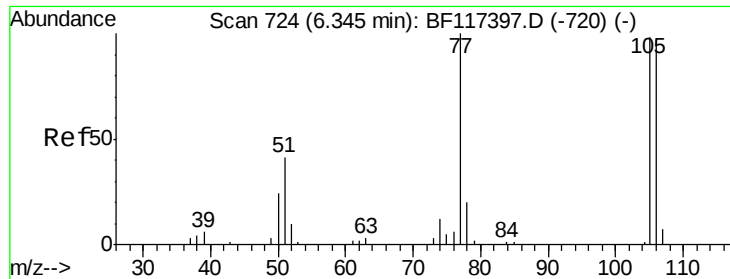
130 31.7 11.7 51.7

64 40.4 20.4 60.4



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

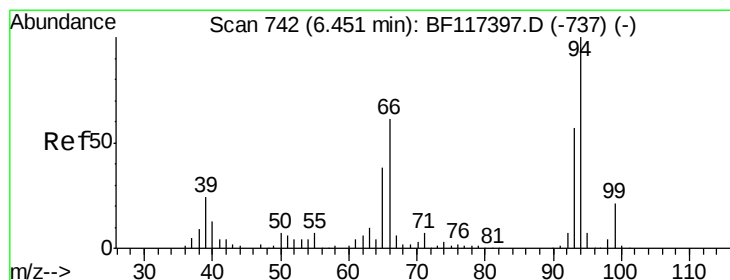
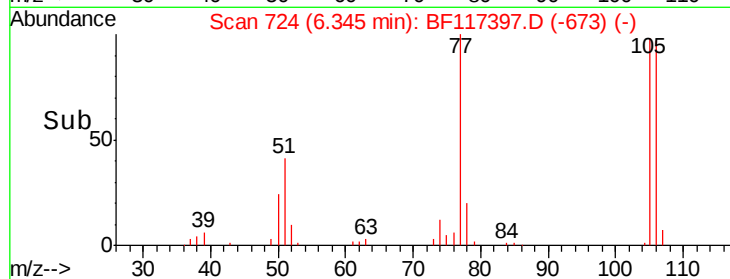
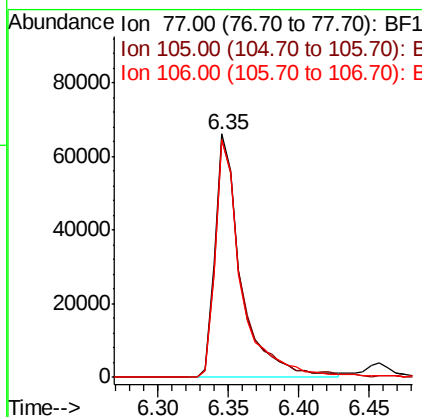
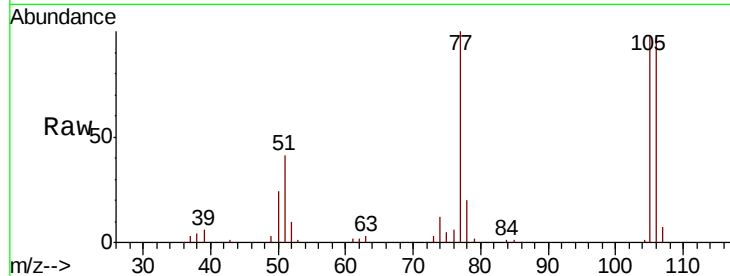




#9
Benzaldehyde
Concen: 39.483 ng
RT: 6.35 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

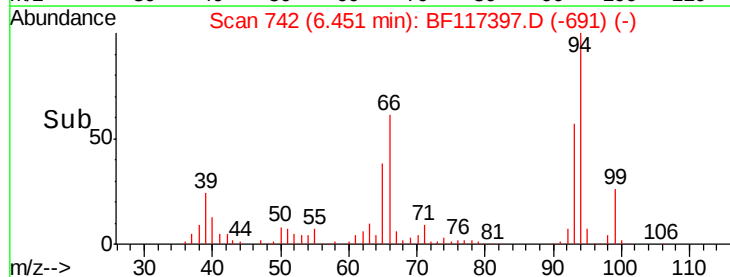
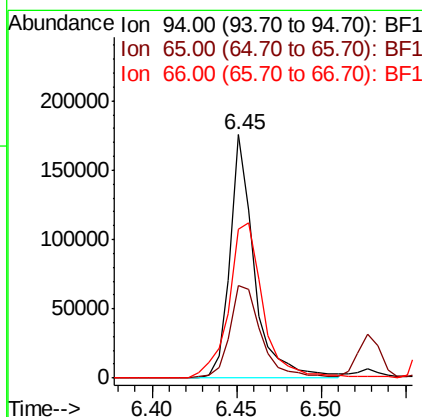
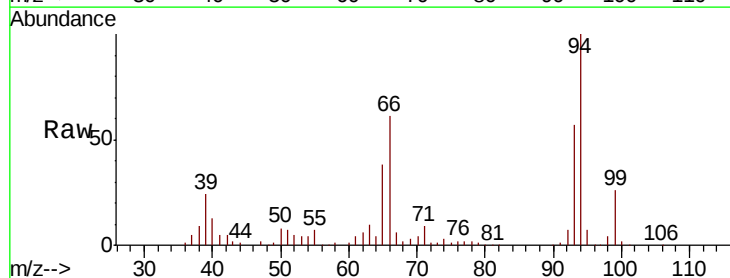
Instrument :
BNA_F
ClientSampleId :

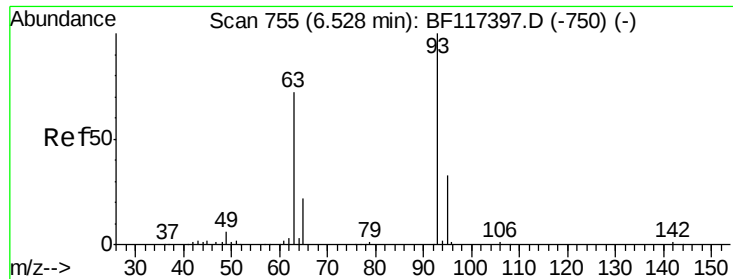
Tot Ion: 77 Resp: 84324
Ion Ratio Lower Upper
77 100
105 97.9 77.9 117.9
106 97.2 77.2 117.2



#10
Phenol
Concen: 40.692 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Tgt Ion: 94 Resp: 175458
Ion Ratio Lower Upper
94 100
65 38.2 18.2 58.2
66 61.1 41.1 81.1

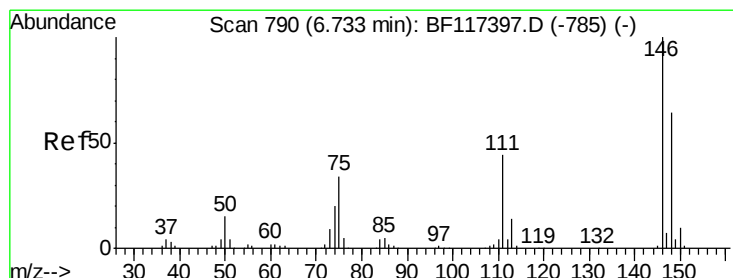
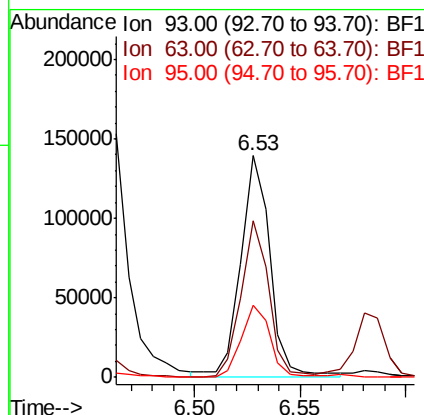
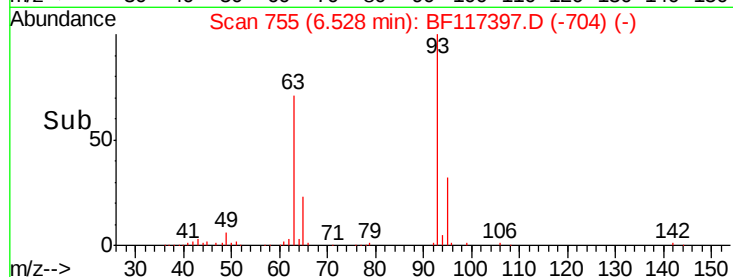
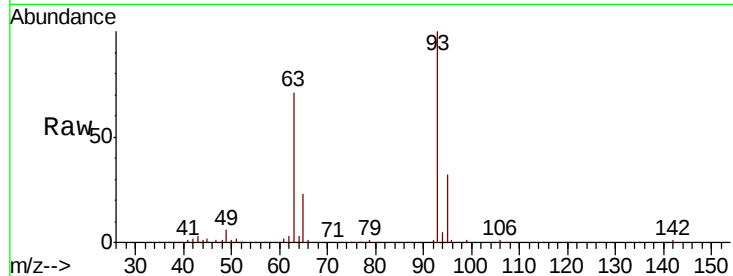




#11
bis(2-Chloroethyl)ether
Concen: 42.730 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

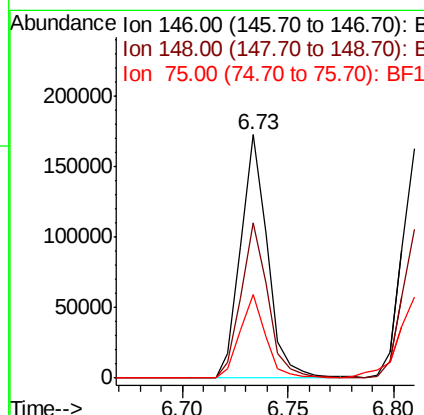
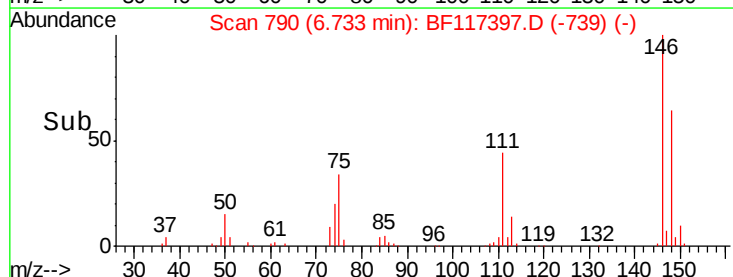
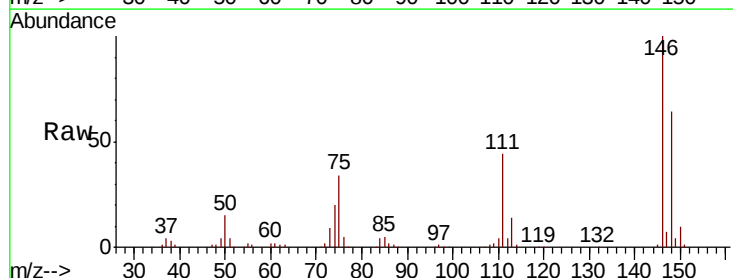
Instrument :
BNA_F
ClientSampleId :

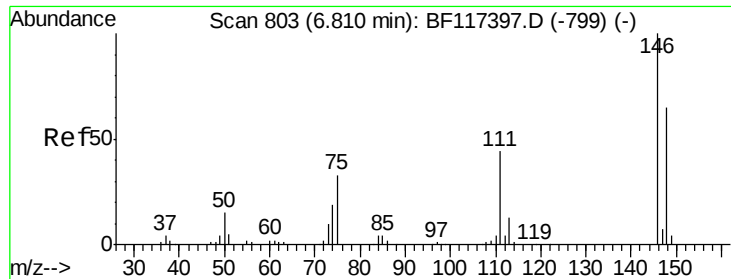
Tot Ion: 93 Resp: 135414
Ion Ratio Lower Upper
93 100
63 70.9 50.9 90.9
95 32.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 41.587 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Tgt Ion: 146 Resp: 152365
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
75 34.3 27.4 41.2

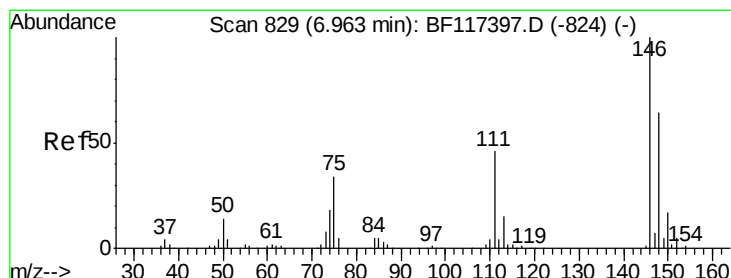
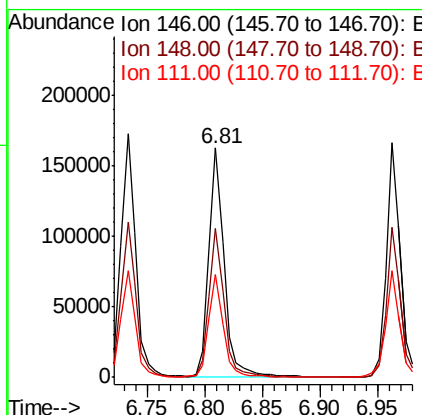
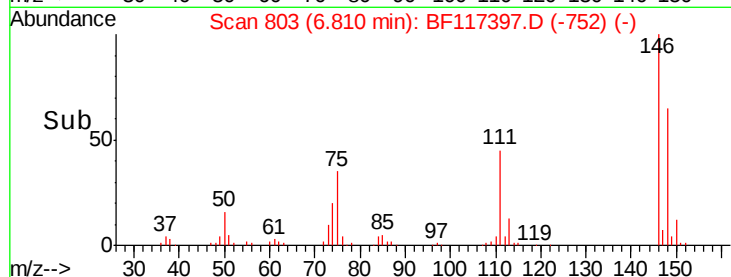
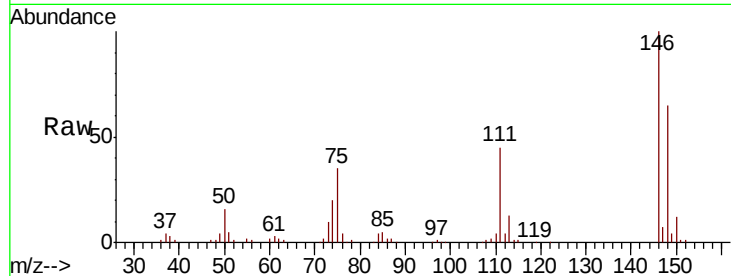




#13
 1,4-Dichlorobenzene
 Concen: 40.926 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

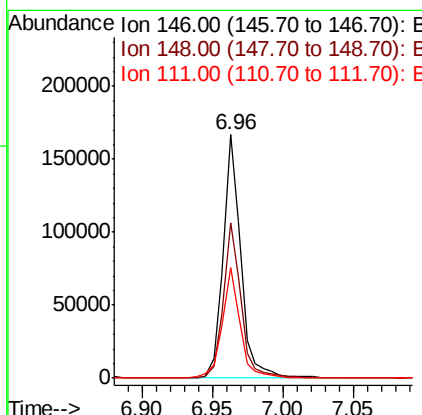
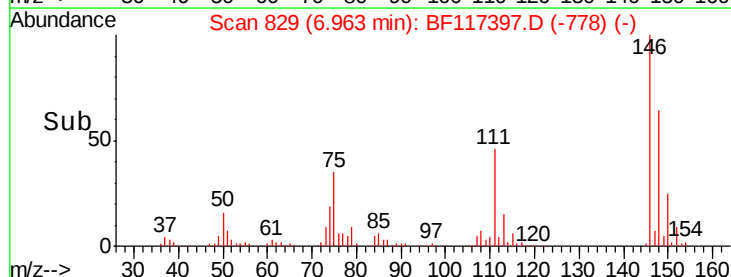
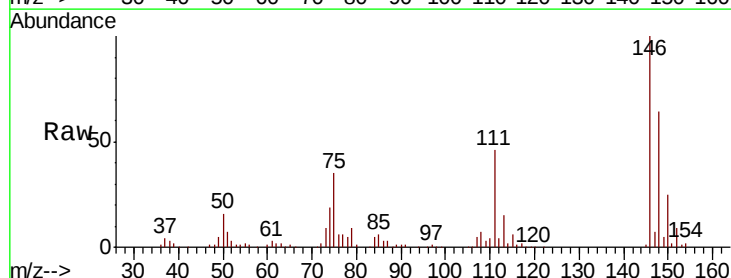
Instrument :
 BNA_F
 ClientSampled :

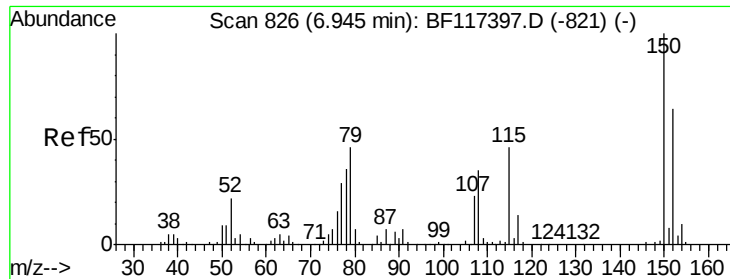
Tot Ion:146 Resp: 153019
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.2 78.2
 111 44.6 35.7 53.5



#14
 1,2-Dichlorobenzene
 Concen: 41.999 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

Tgt Ion:146 Resp: 146201
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.0 76.6
 111 45.6 36.5 54.7

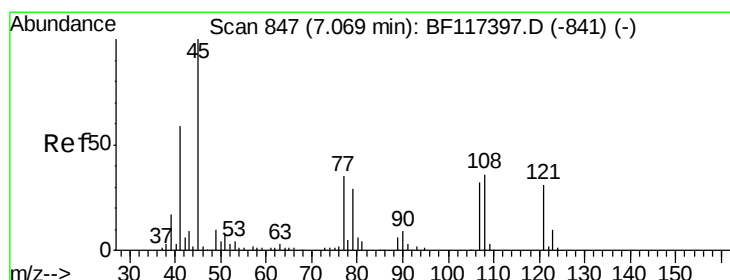
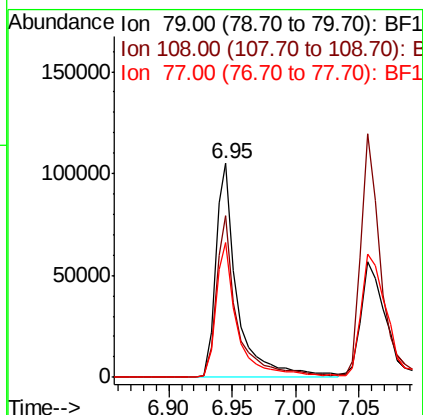
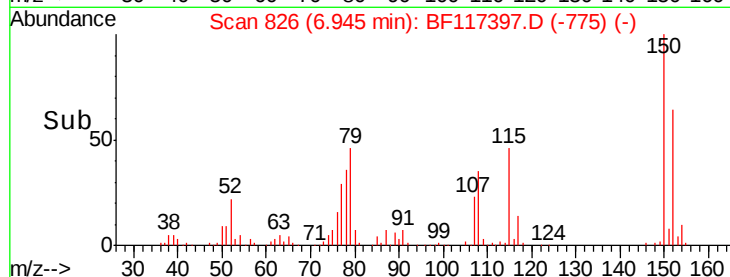
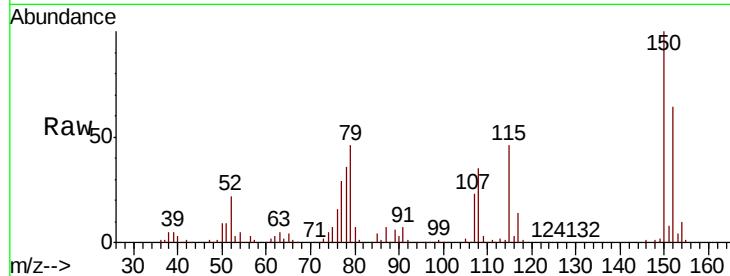




#15
Benzyl Alcohol
Concen: 41.790 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

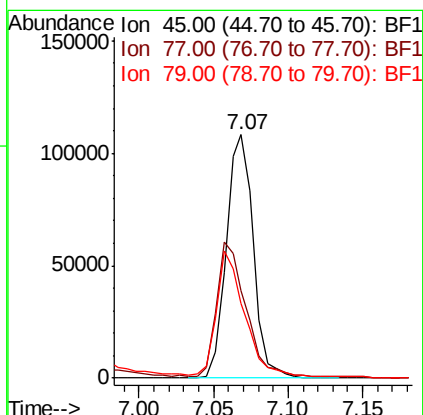
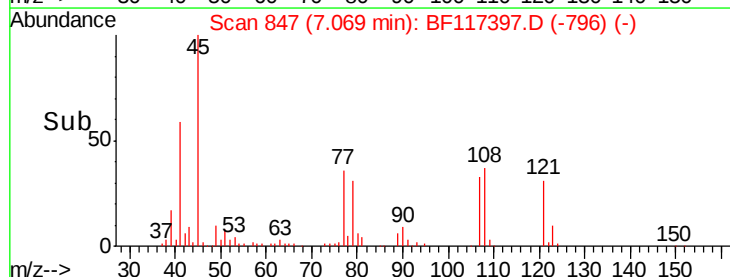
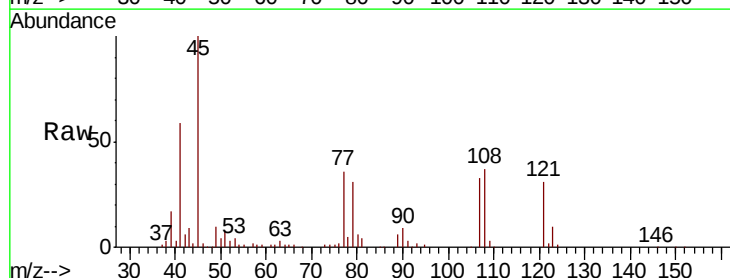
Instrument :
BNA_F
ClientSampleId :

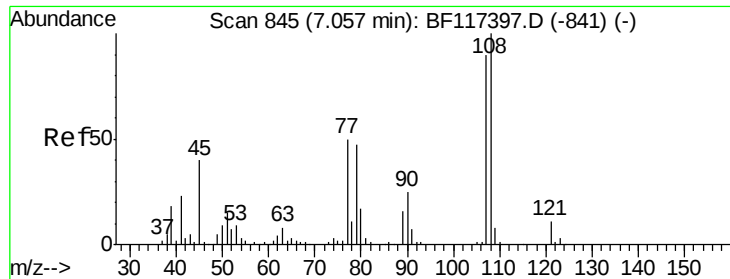
Tot Ion: 79 Resp: 125346
Ion Ratio Lower Upper
79 100
108 75.5 60.4 90.6
77 63.3 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.937 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Tgt Ion: 45 Resp: 137566
Ion Ratio Lower Upper
45 100
77 35.9 15.9 55.9
79 30.7 10.7 50.7





#17

2-Methylphenol

Concen: 40.080 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 109672

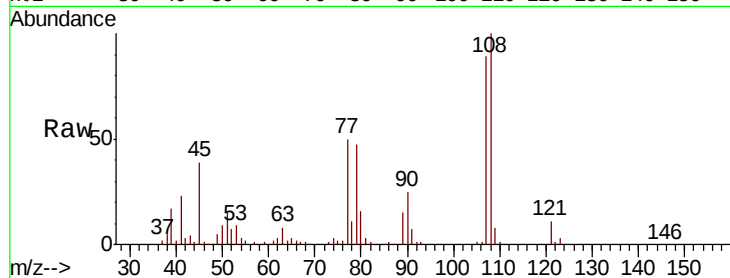
Ion Ratio Lower Upper

107 100

108 111.8 89.4 134.2

77 56.4 45.1 67.7

79 52.9 42.3 63.5

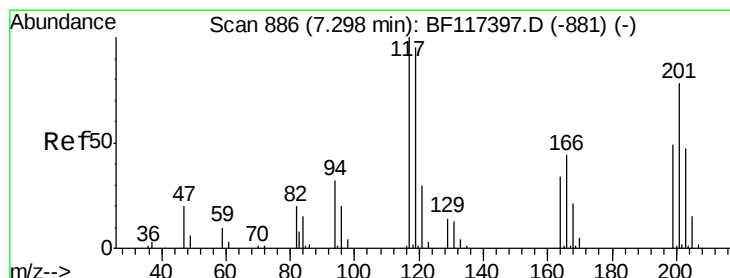
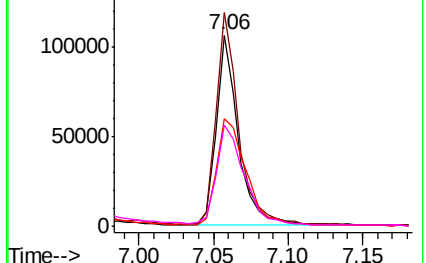
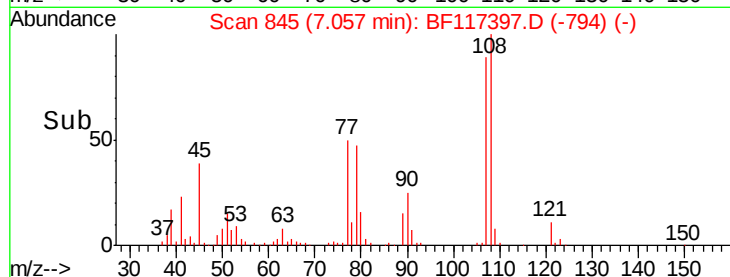


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.630 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

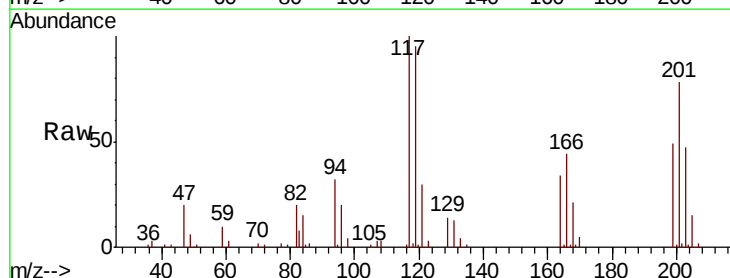
Tgt Ion:117 Resp: 59879

Ion Ratio Lower Upper

117 100

119 94.6 75.7 113.5

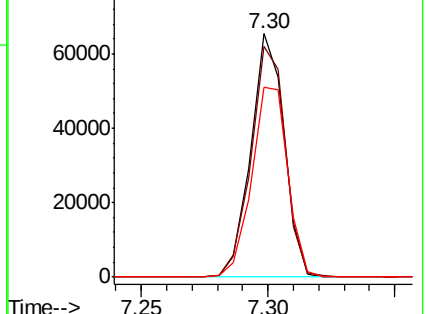
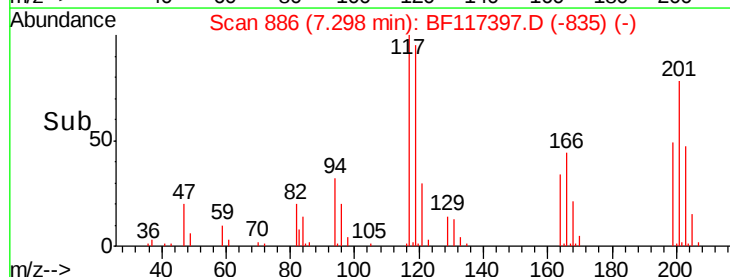
201 77.8 62.2 93.4

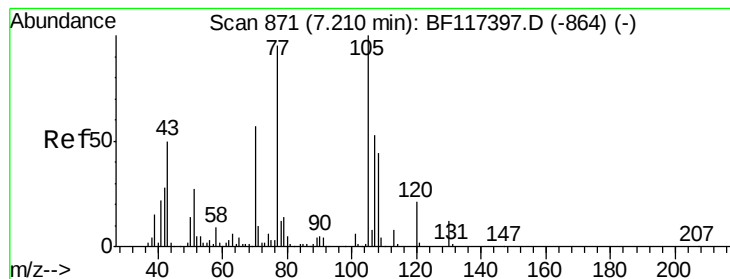


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 42.510 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 101245

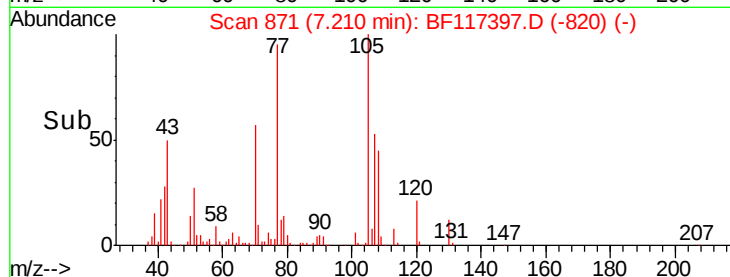
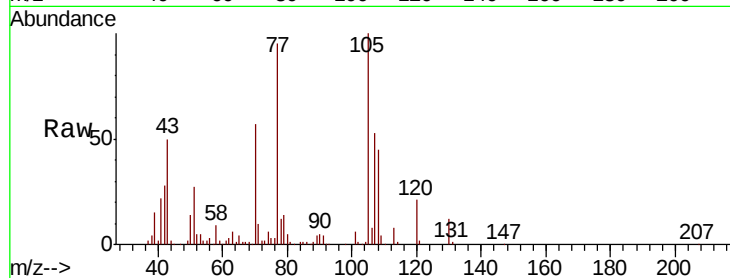
Ion Ratio Lower Upper

70 100

42 49.8 39.8 59.8

101 10.1 8.1 12.1

130 20.5 16.4 24.6

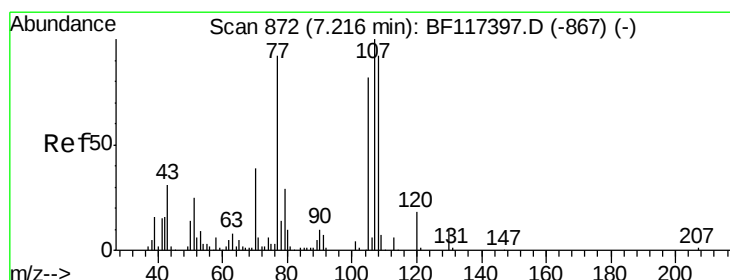
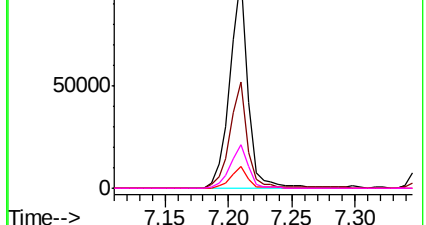


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 42.358 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

Tgt Ion:107 Resp: 144373

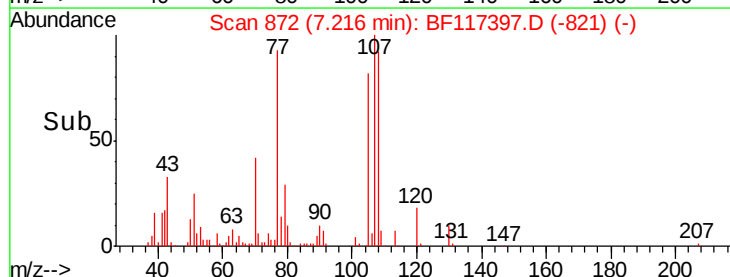
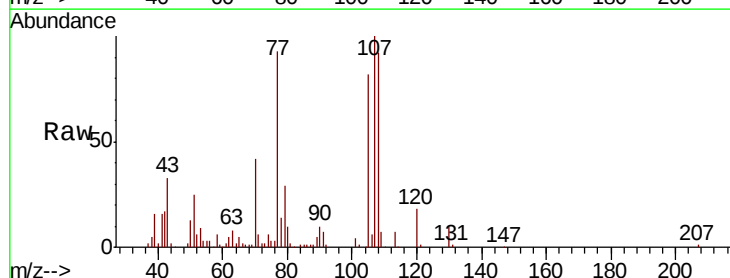
Ion Ratio Lower Upper

107 100

108 91.8 71.8 111.8

77 92.7 72.7 112.7

79 29.5 9.5 49.5

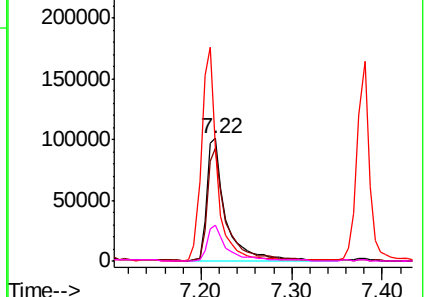


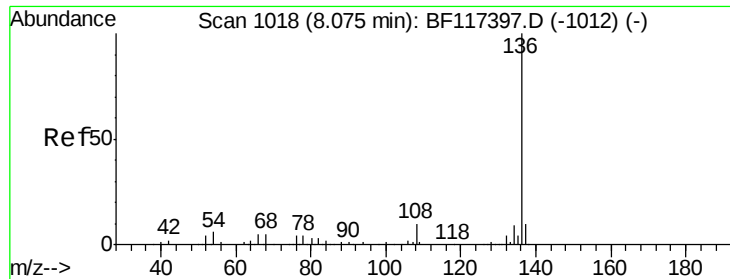
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

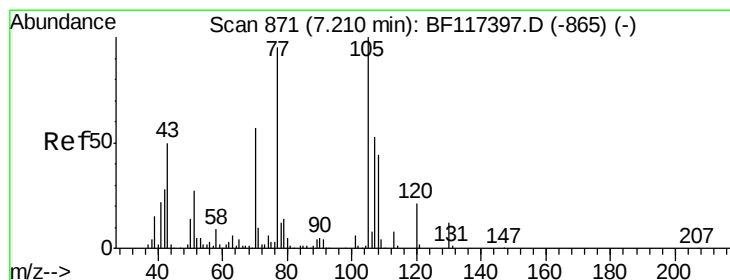
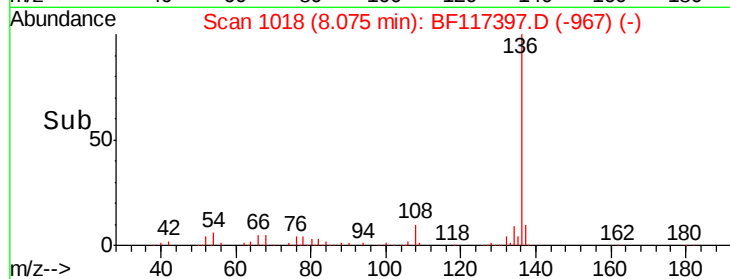
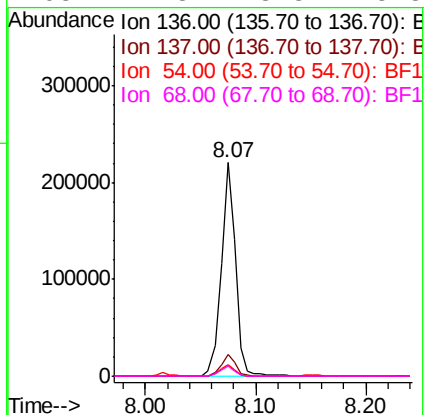
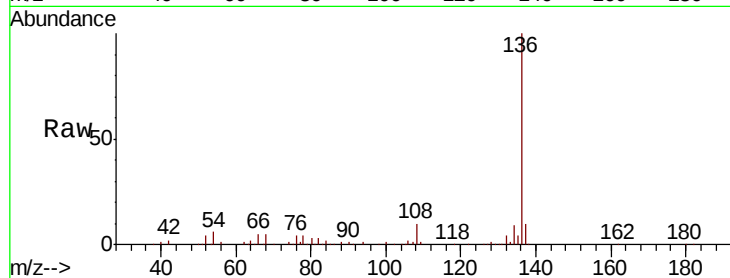




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

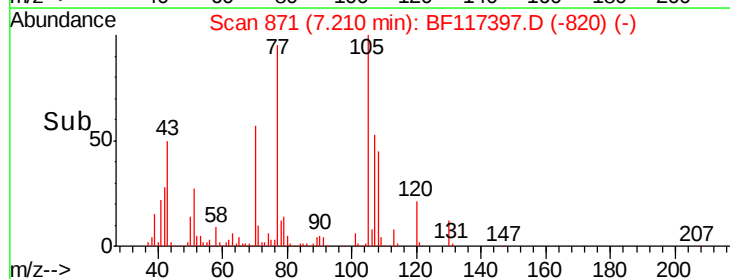
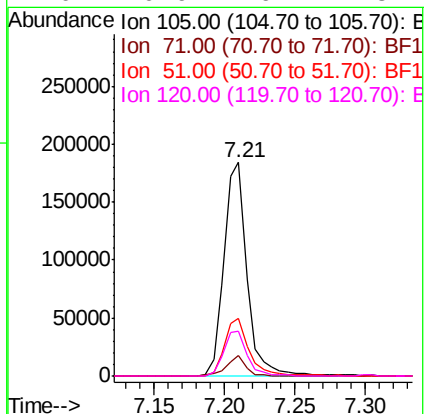
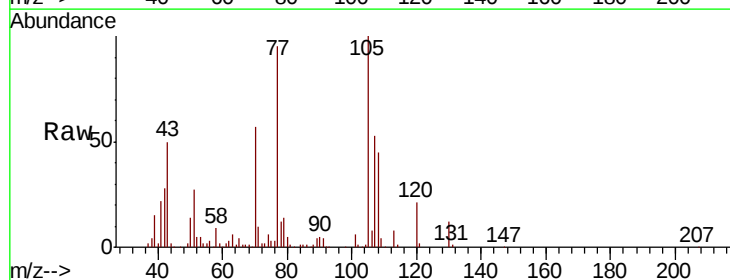
Instrument :
BNA_F
ClientSampleId :

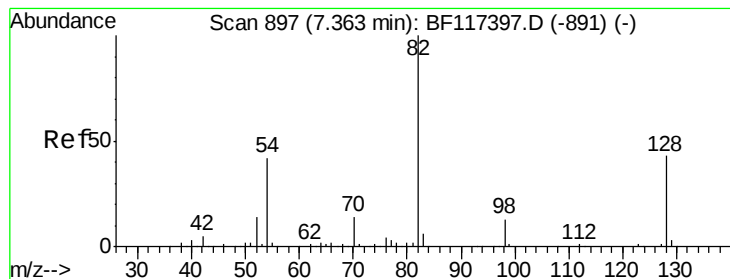
Tot Ion:136	Resp:	198819
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.4	12.6
54 5.7	4.6	6.8
68 4.8	3.8	5.8



#22
Acetophenone
Concen: 41.312 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Tgt	Ion:105	Resp:	208683
Ion	Ratio	Lower	Upper
105	100		
71	9.7	7.8	11.6
51	26.9	21.5	32.3
120	20.9	16.7	25.1





#23

Nitrobenzene-d5

Concen: 82.258 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

Instrument :

BNA_F

ClientSampleId :

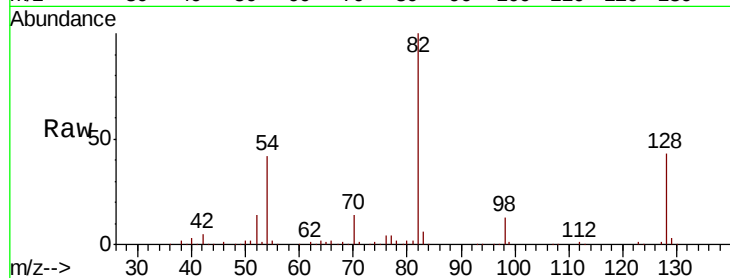
Tot Ion: 82 Resp: 311260

Ion Ratio Lower Upper

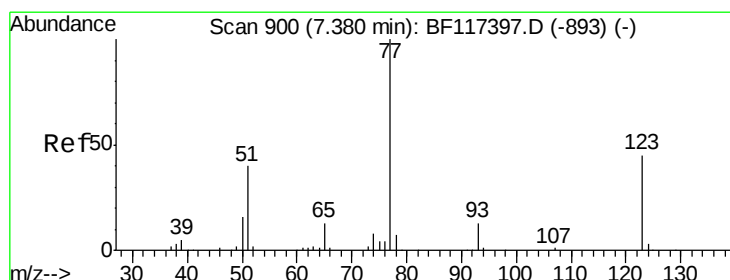
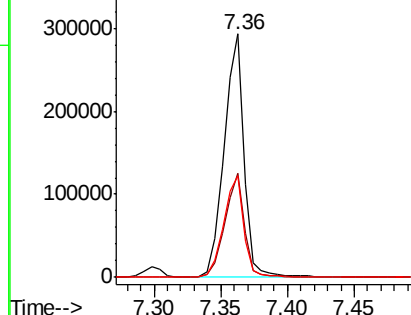
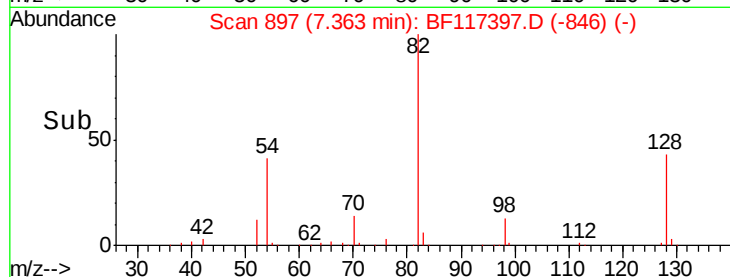
82 100

128 42.6 34.1 51.1

54 41.6 33.3 49.9



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



#24

Nitrobenzene

Concen: 41.596 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

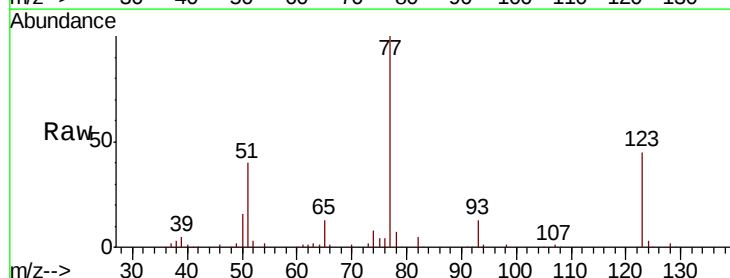
Tgt Ion: 77 Resp: 155436

Ion Ratio Lower Upper

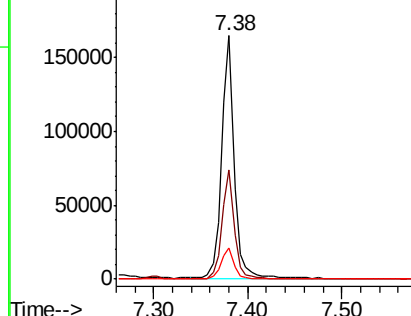
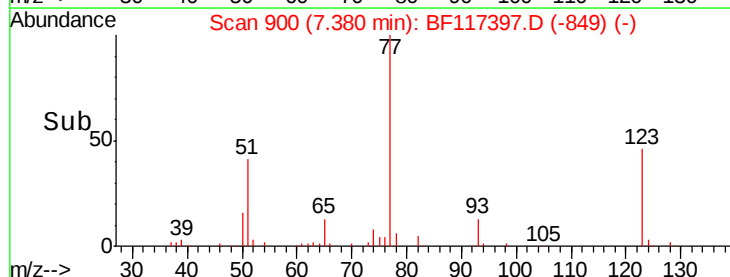
77 100

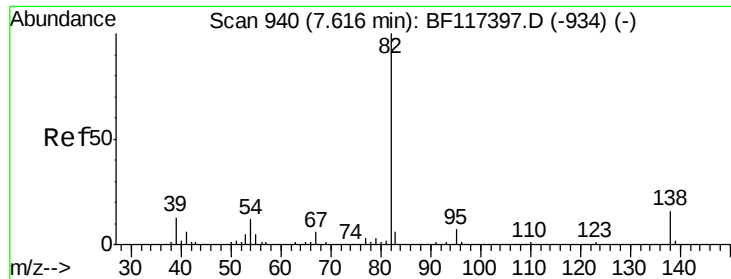
123 44.8 35.8 53.8

65 12.6 10.1 15.1



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





#25

Isophorone

Concen: 40.949 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

Instrument :

BNA_F

ClientSampleId :

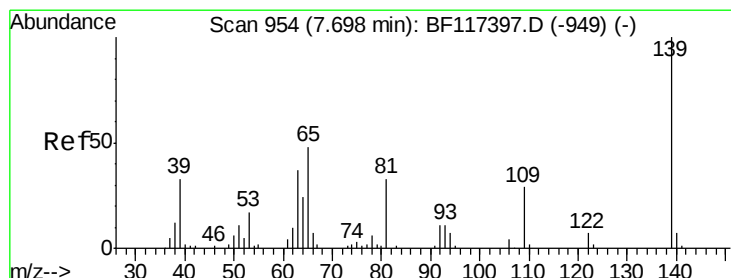
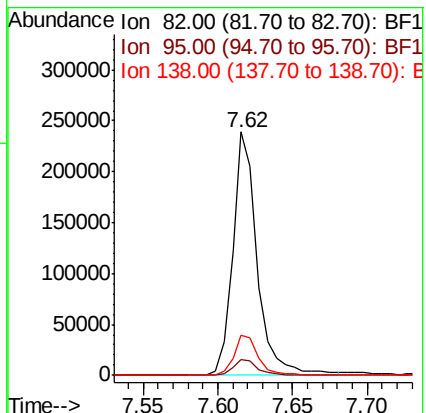
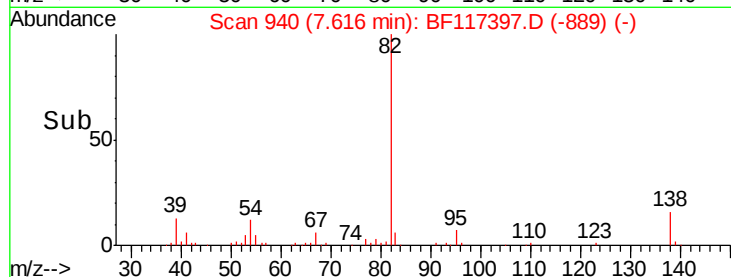
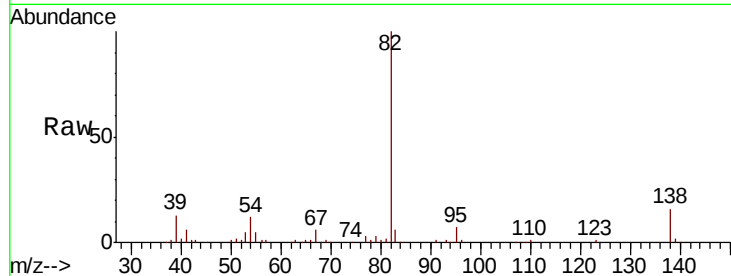
Tot Ion: 82 Resp: 274349

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 16.2 13.0 19.4



#26

2-Nitrophenol

Concen: 44.324 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

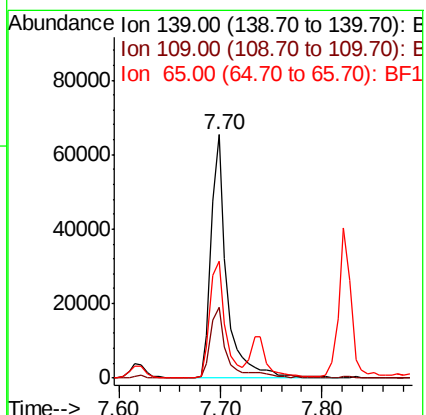
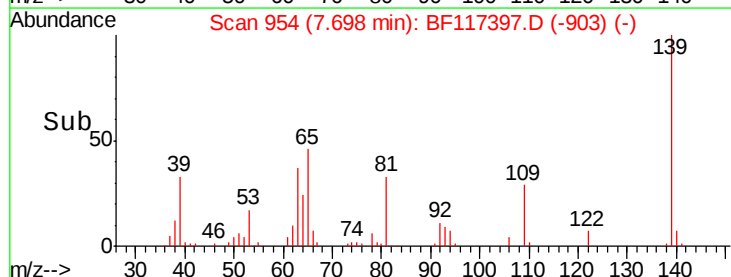
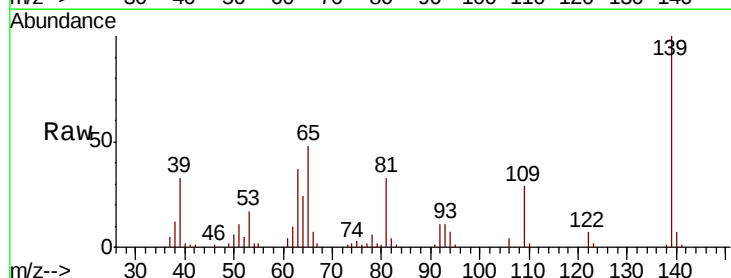
Tgt Ion: 139 Resp: 71144

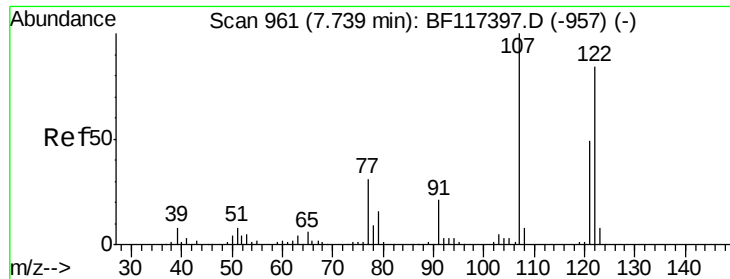
Ion Ratio Lower Upper

139 100

109 28.9 23.1 34.7

65 47.8 38.2 57.4





#27

2,4-Dimethylphenol

Concen: 40.815 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

Instrument :

BNA_F

ClientSampleId :

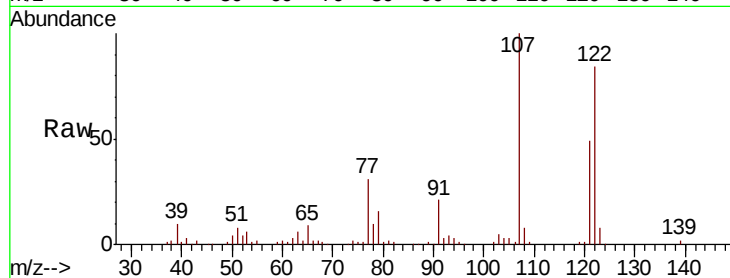
Tot Ion:122 Resp: 103889

Ion Ratio Lower Upper

122 100

107 118.8 95.0 142.6

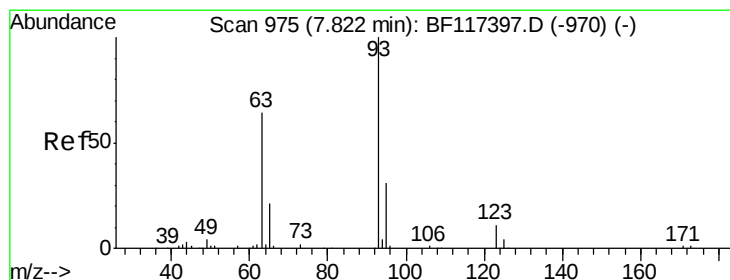
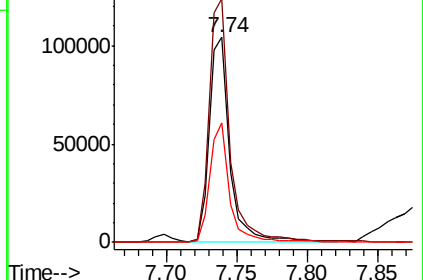
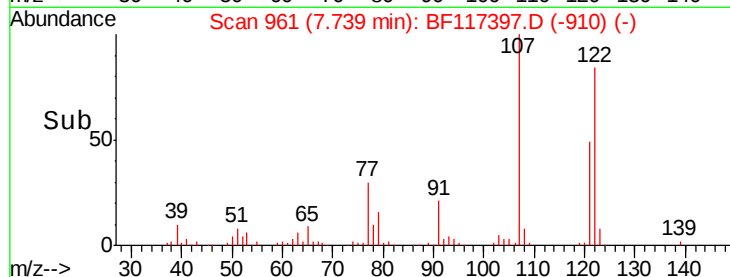
121 58.2 46.6 69.8



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: 41.707 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

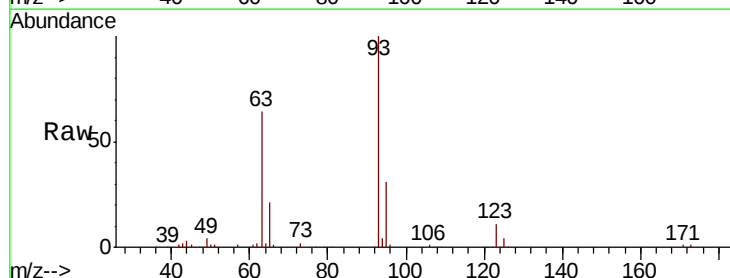
Tgt Ion: 93 Resp: 172160

Ion Ratio Lower Upper

93 100

95 31.4 25.1 37.7

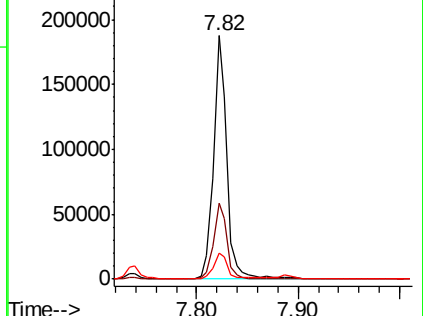
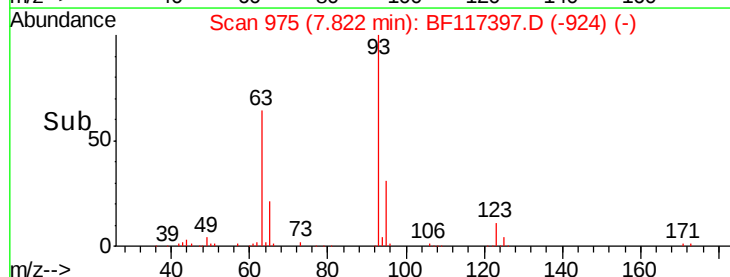
123 10.7 8.6 12.8

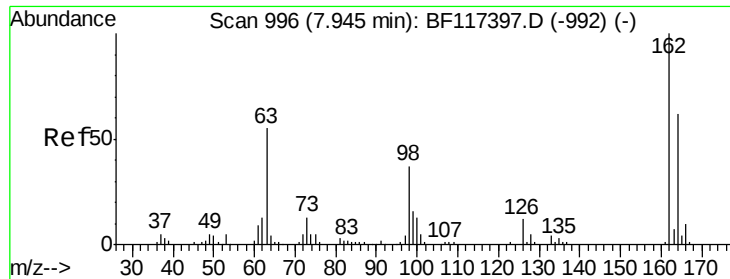


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

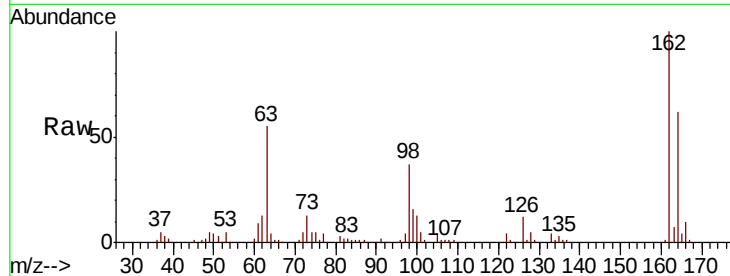




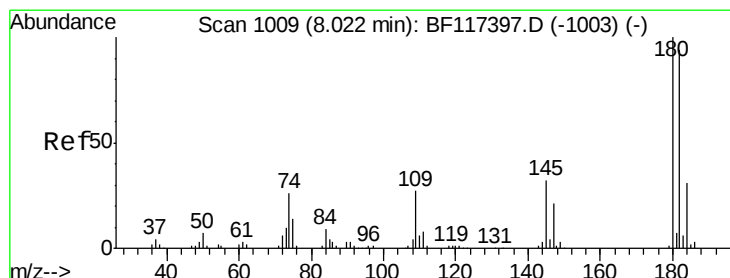
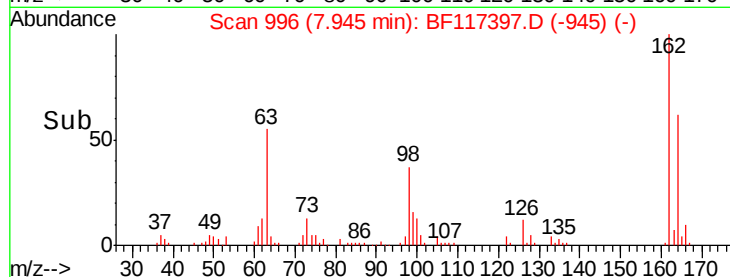
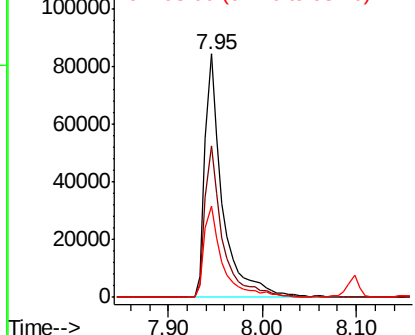
#29
2,4-Dichlorophenol
Concen: 41.494 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	42.2	82.2
98	37.4	17.4	57.4

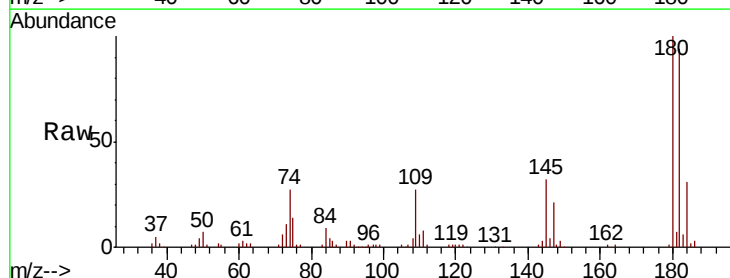


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

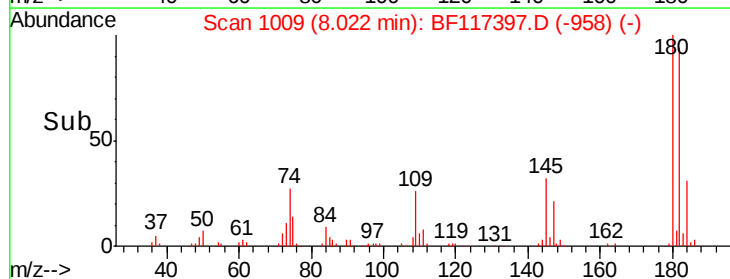
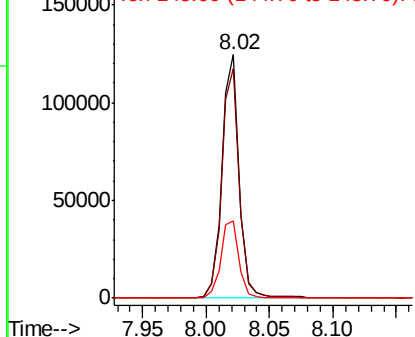


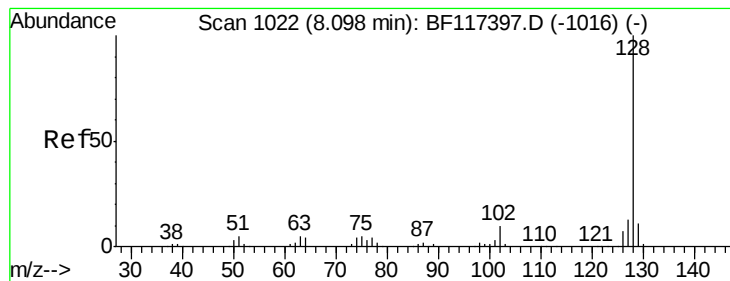
#30
1,2,4-Trichlorobenzene
Concen: 41.065 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.4	113.2
145	31.9	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: 41.803 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

Instrument :

BNA_F

ClientSampleId :

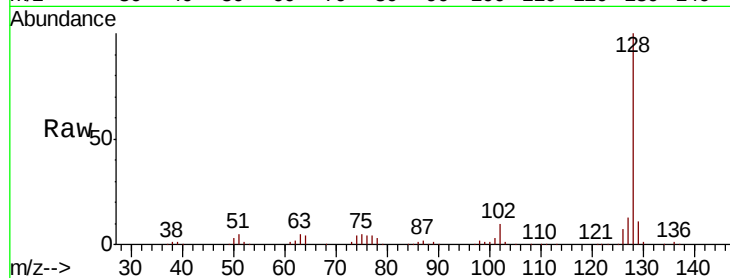
Tot Ion:128 Resp: 399716

Ion Ratio Lower Upper

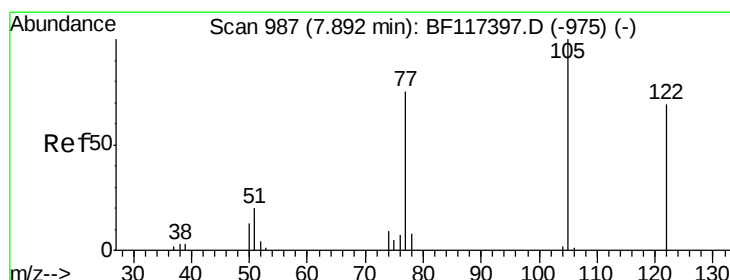
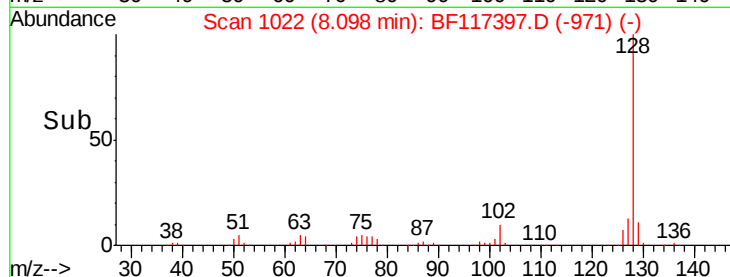
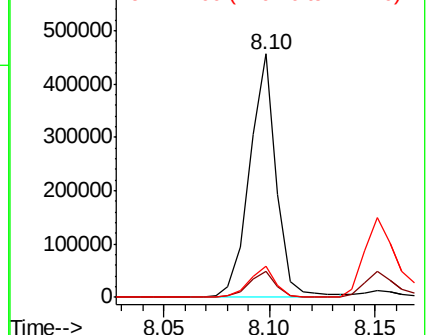
128 100

129 10.7 8.6 12.8

127 13.0 10.4 15.6



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: 34.931 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

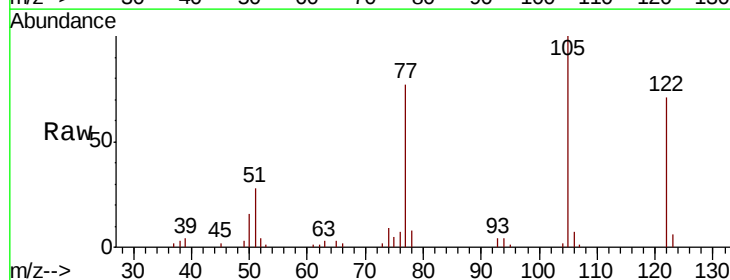
Tgt Ion:122 Resp: 62534

Ion Ratio Lower Upper

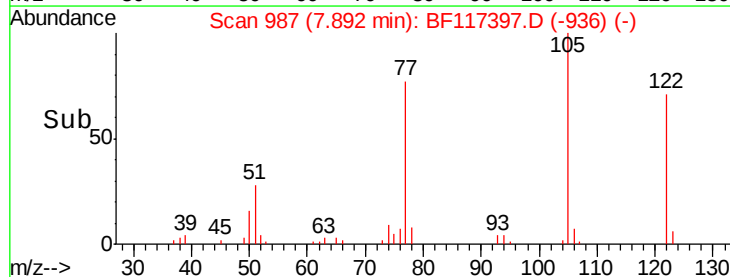
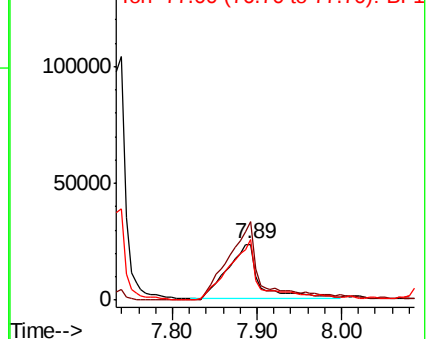
122 100

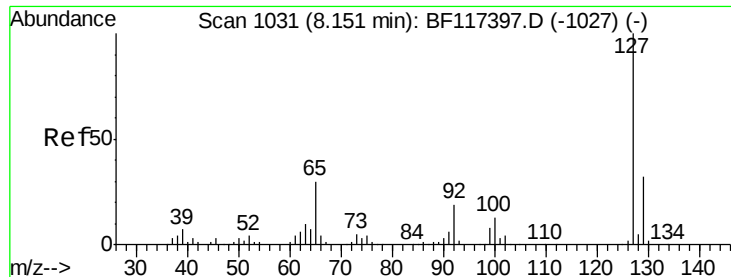
105 141.5 121.5 161.5

77 108.3 88.3 128.3



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

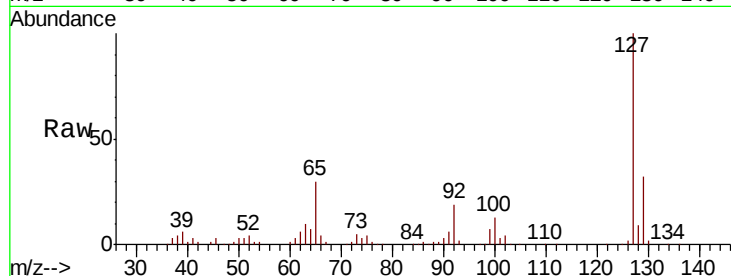




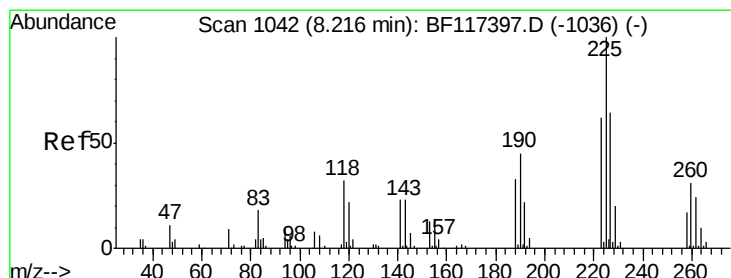
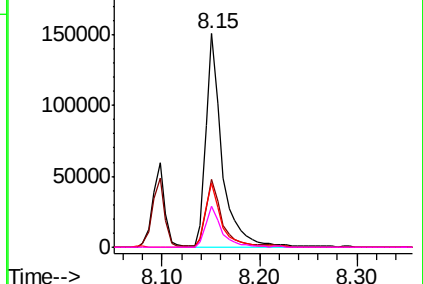
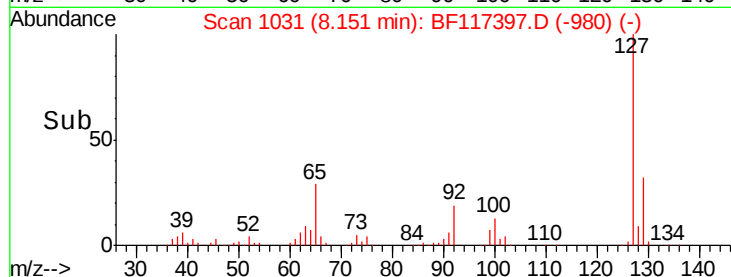
#33
4-Chloroaniline
Concen: 40.740 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	172781
Ion	Ratio	Lower Upper
127	100	
129	31.7	25.4 38.0
65	29.8	23.8 35.8
92	19.1	15.3 22.9

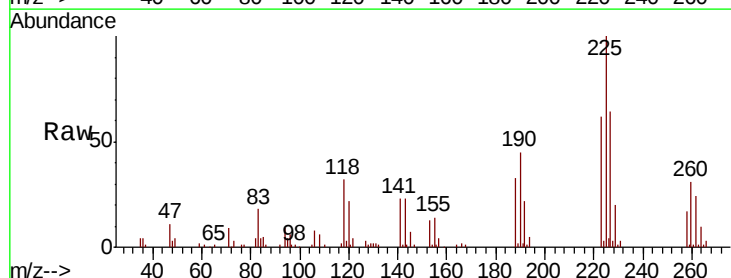


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

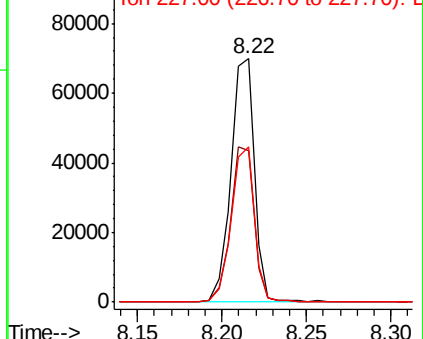
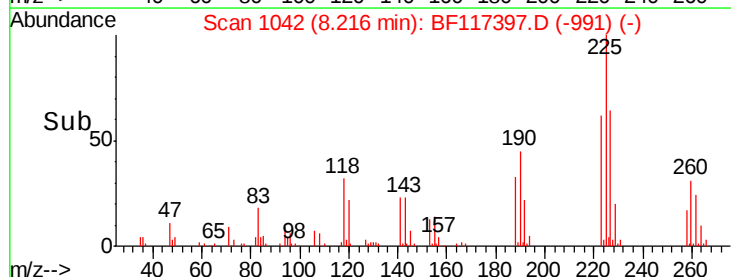


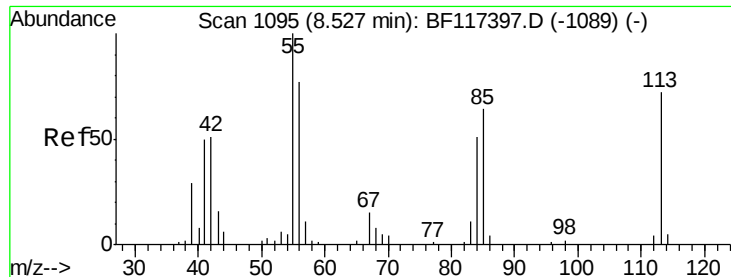
#34
Hexachlorobutadiene
Concen: 40.994 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Tgt Ion:225	Resp:	67015
Ion	Ratio	Lower Upper
225	100	
223	62.1	49.7 74.5
227	63.6	50.9 76.3



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

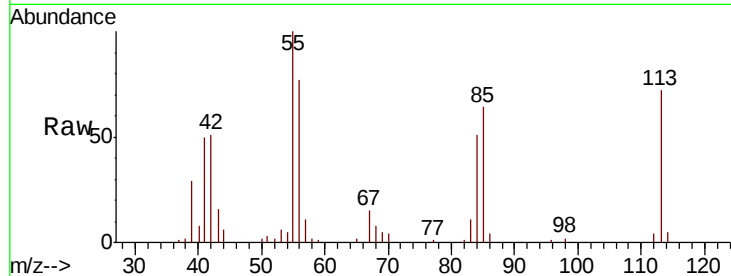




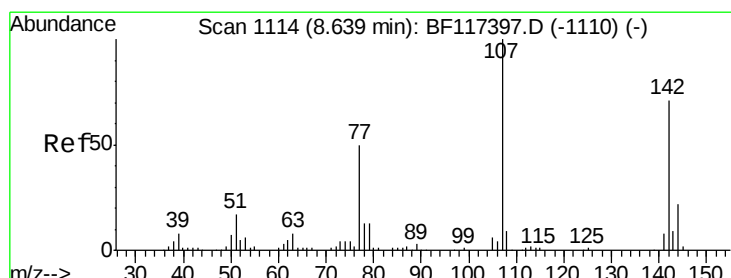
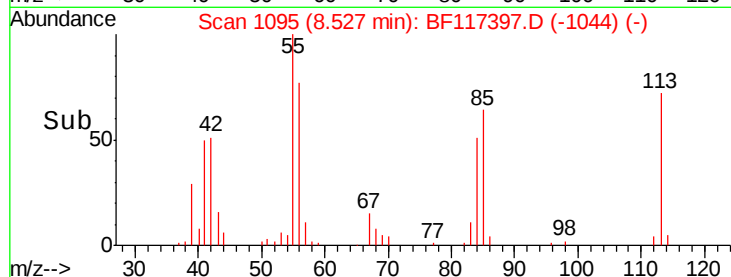
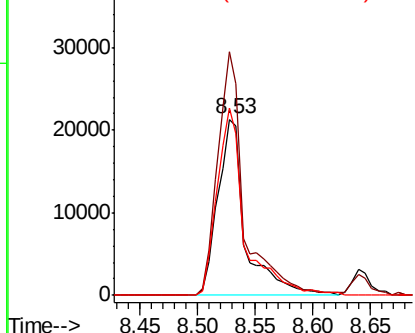
#35
 Caprolactam
 Concen: 39.415 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 35581
 Ion Ratio Lower Upper
 113 100
 55 138.5 118.5 158.5
 56 106.7 86.7 126.7

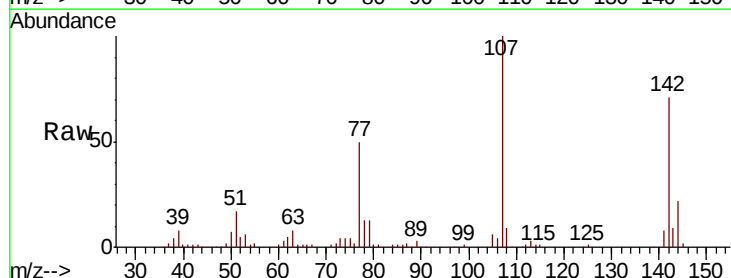


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

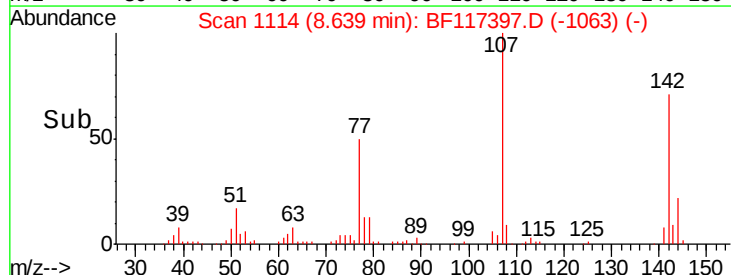
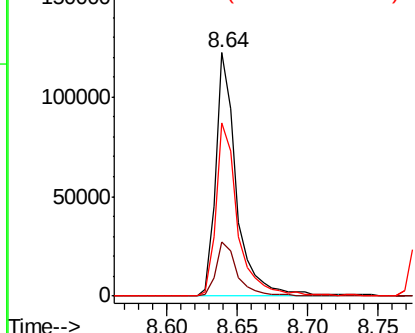


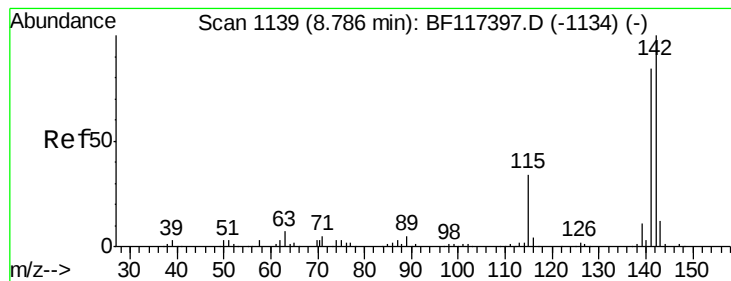
#36
 4-Chloro-3-methylphenol
 Concen: 40.118 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

Tgt Ion:107 Resp: 124761
 Ion Ratio Lower Upper
 107 100
 144 22.4 17.9 26.9
 142 71.1 56.9 85.3



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.135 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

Instrument :

BNA_F

ClientSampleId :

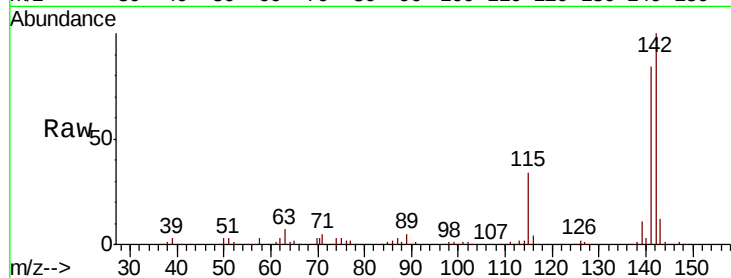
Tot Ion:142 Resp: 271307

Ion Ratio Lower Upper

142 100

141 84.0 67.2 100.8

115 33.6 26.9 40.3

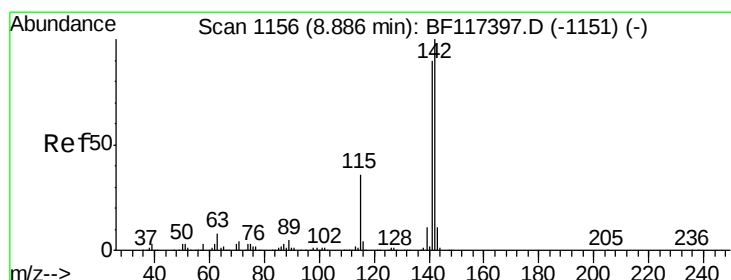
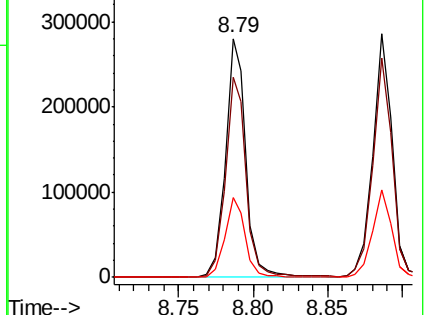
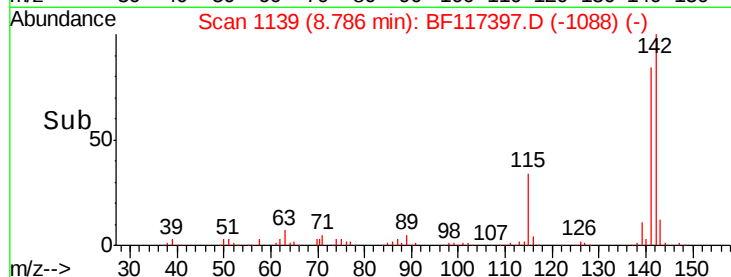


Abundance

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: 41.714 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

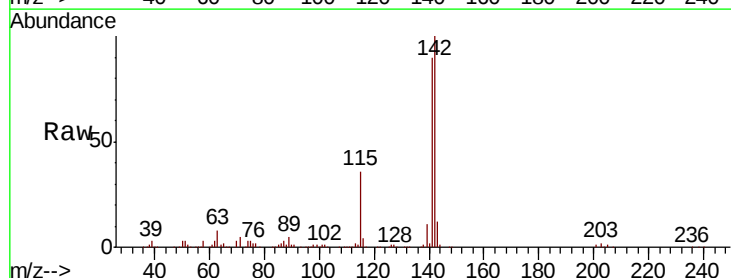
Tgt Ion:142 Resp: 251558

Ion Ratio Lower Upper

142 100

141 89.8 71.8 107.8

116 3.6 2.9 4.3

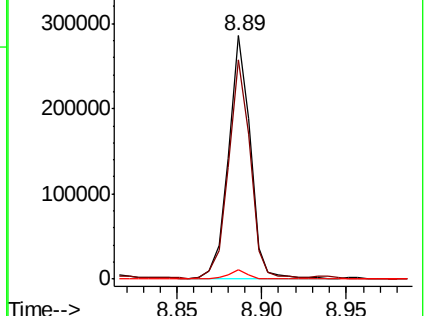
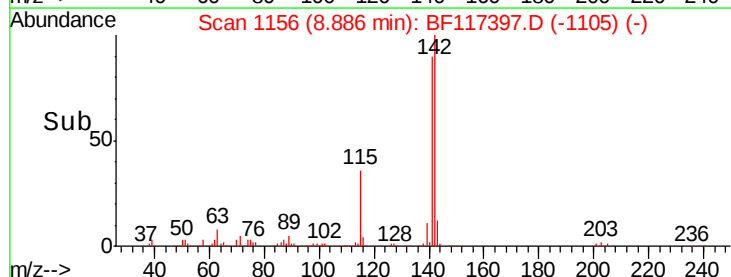


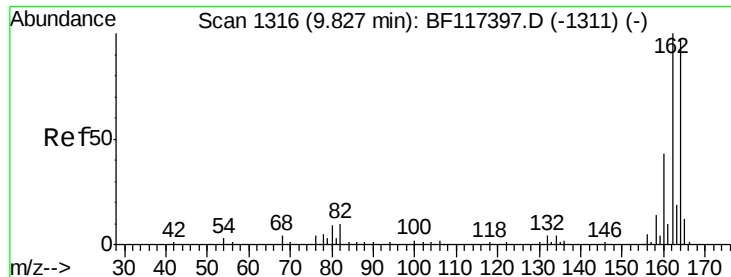
Abundance

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: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

Instrument :

BNA_F

ClientSampleId :

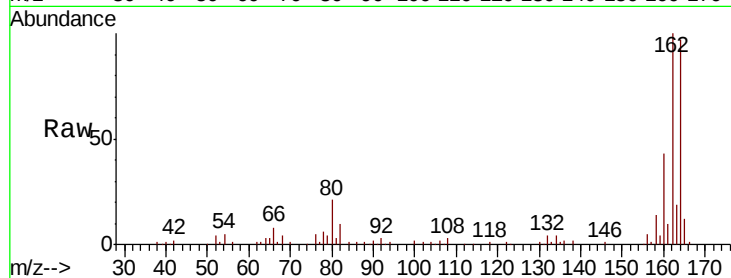
Tot Ion:164 Resp: 99009

Ion Ratio Lower Upper

164 100

162 103.0 82.4 123.6

160 44.2 35.4 53.0

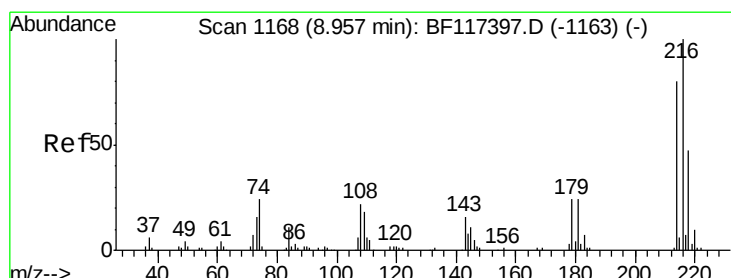
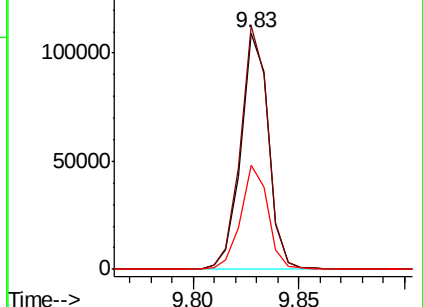
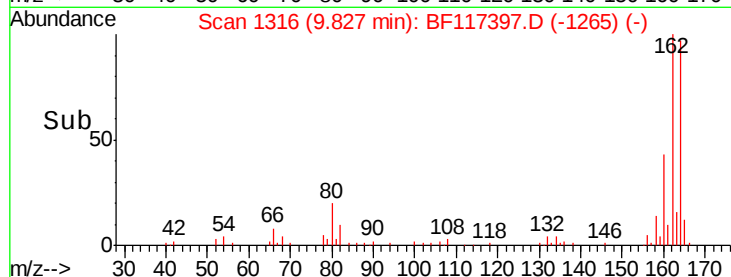


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.680 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

Tgt Ion:216 Resp: 109120

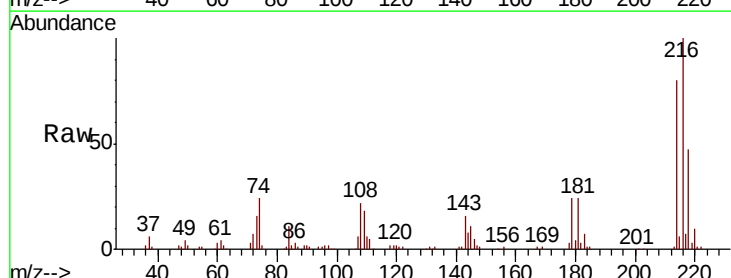
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.6

179 23.3 18.6 28.0

108 21.2 17.0 25.4



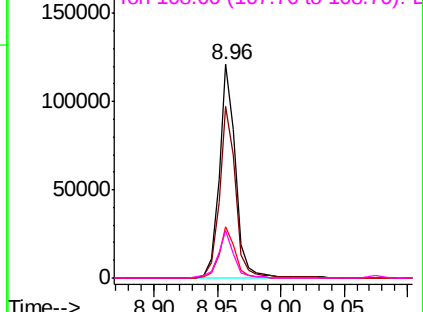
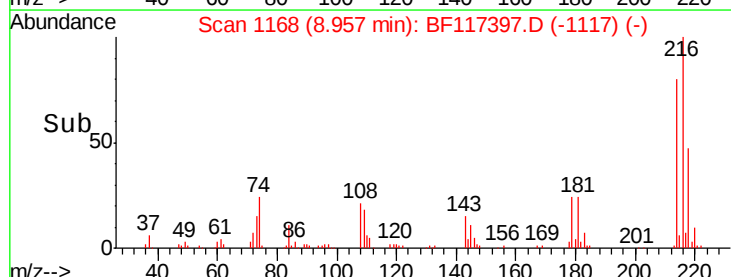
Abundance

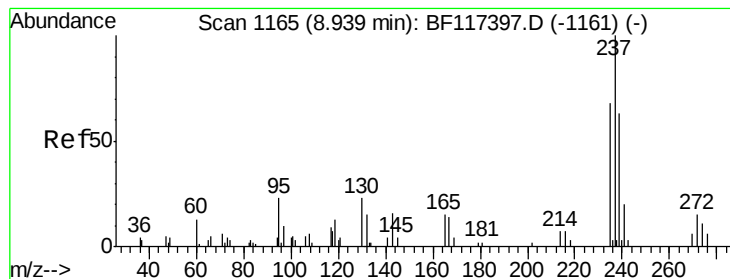
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 16.625 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

Instrument :

BNA_F

ClientSampleId :

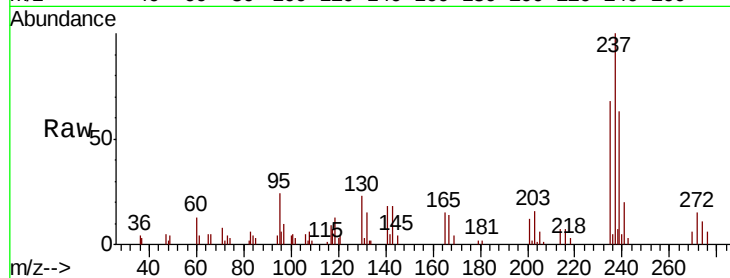
Tot Ion:237 Resp: 15987

Ion Ratio Lower Upper

237 100

235 67.8 47.8 87.8

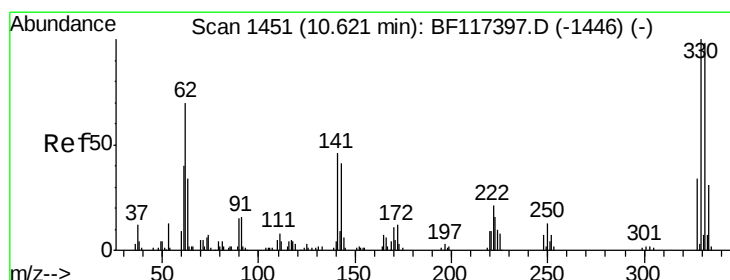
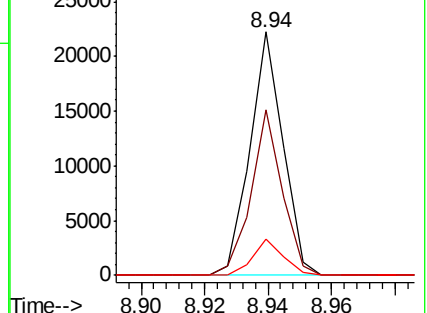
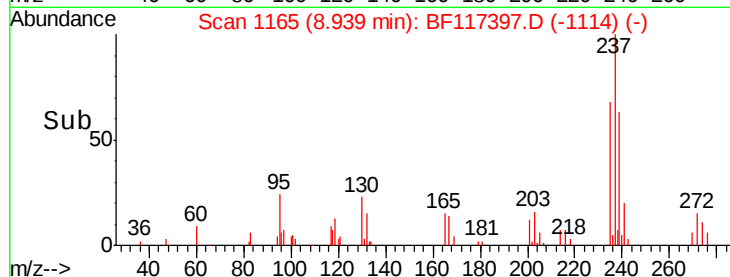
272 15.0 0.0 35.0



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: 83.446 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

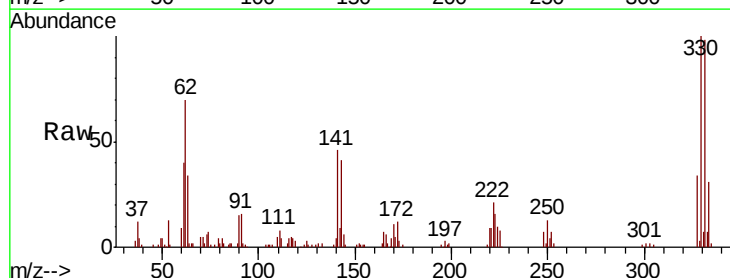
Tgt Ion:330 Resp: 69051

Ion Ratio Lower Upper

330 100

332 93.8 75.0 112.6

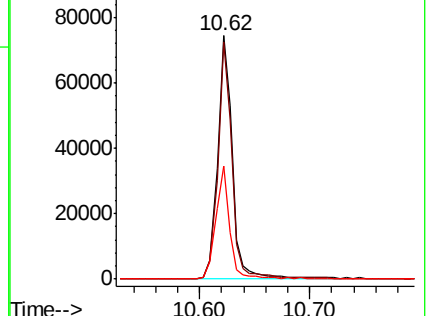
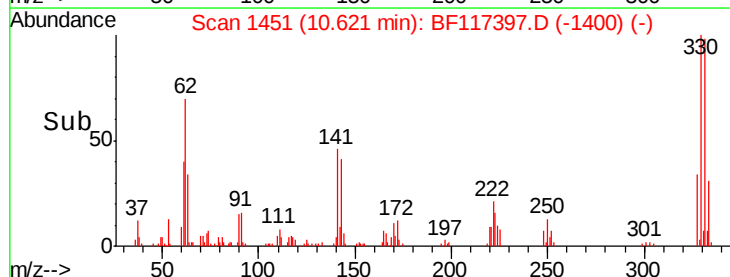
141 42.8 34.2 51.4

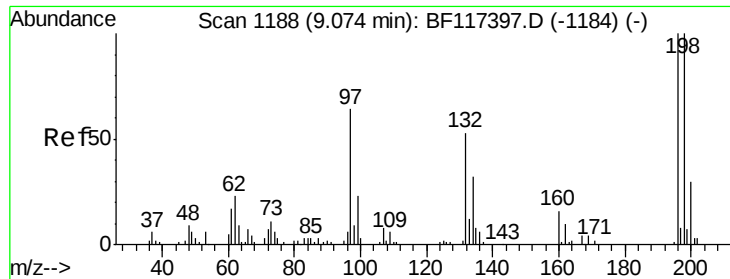


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

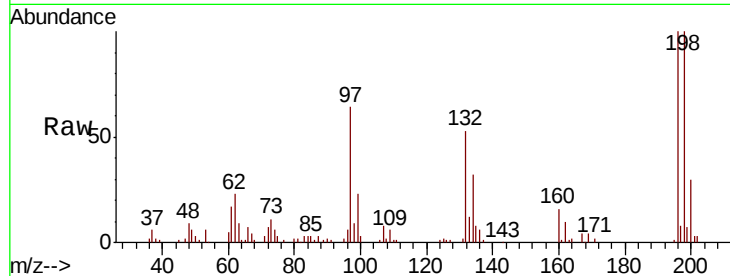




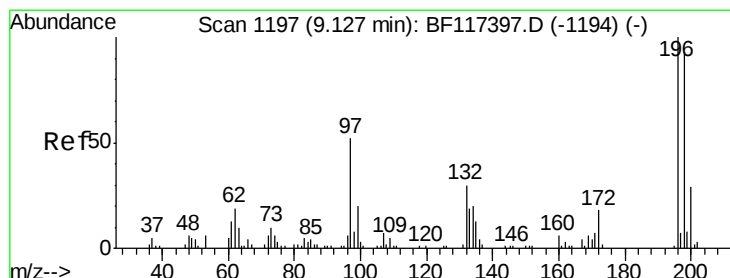
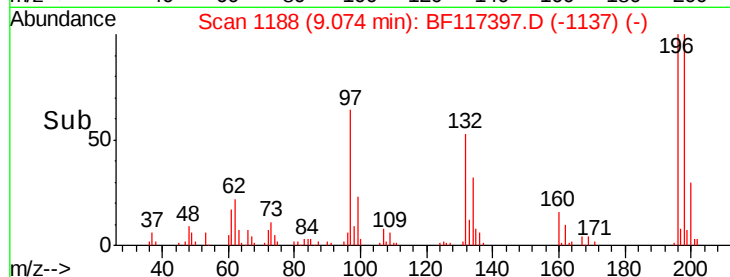
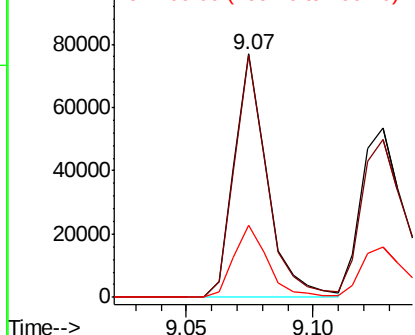
#43
 2,4,6-Trichlorophenol
 Concen: 40.049 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 69486
 Ion Ratio Lower Upper
 196 100
 198 99.7 79.8 119.6
 200 29.6 23.7 35.5



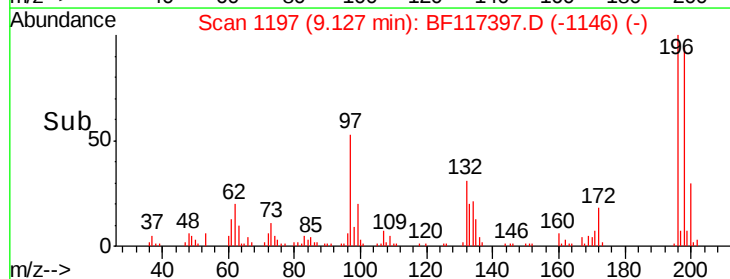
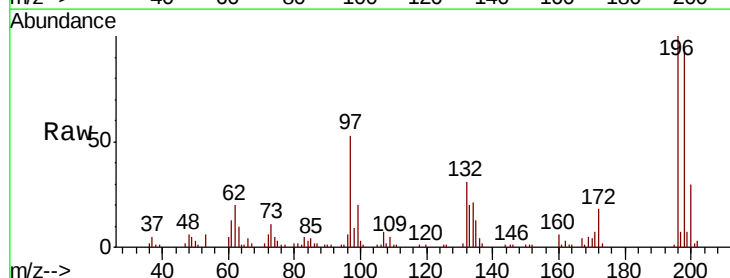
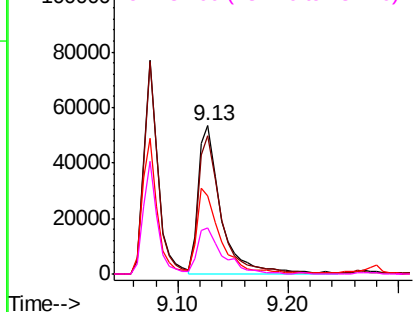
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

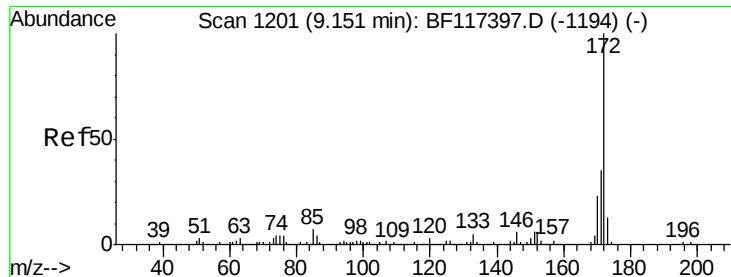


#44
 2,4,5-Trichlorophenol
 Concen: 40.560 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

Tgt Ion:196 Resp: 75187
 Ion Ratio Lower Upper
 196 100
 198 93.6 74.9 112.3
 97 53.1 42.5 63.7
 132 30.9 24.7 37.1

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

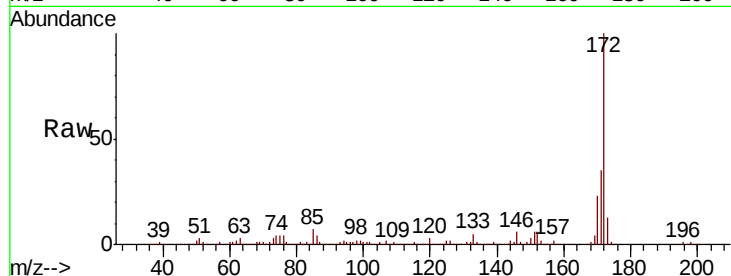




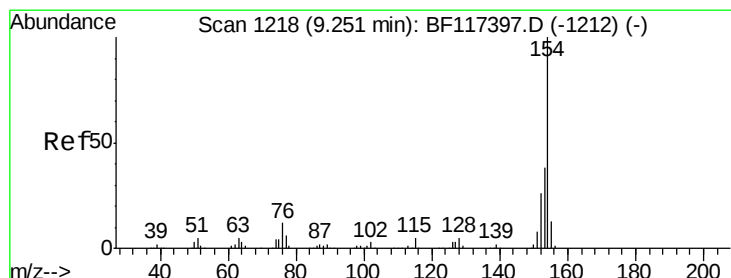
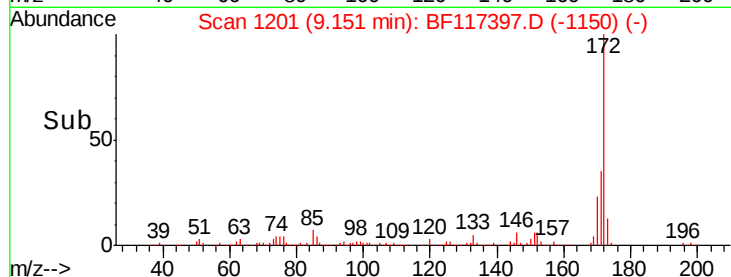
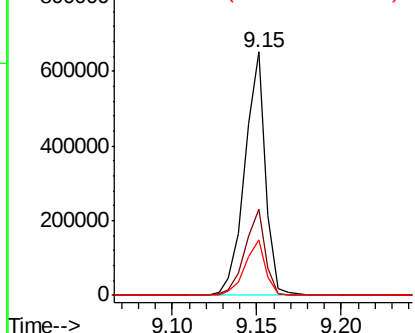
#45
 2-Fluorobiphenyl
 Concen: 88.254 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 558842
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.2 42.2
 170 22.7 18.2 27.2

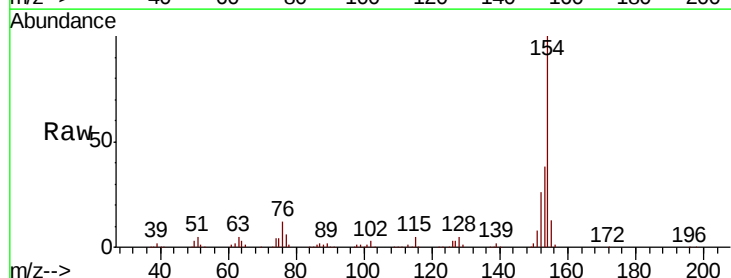


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

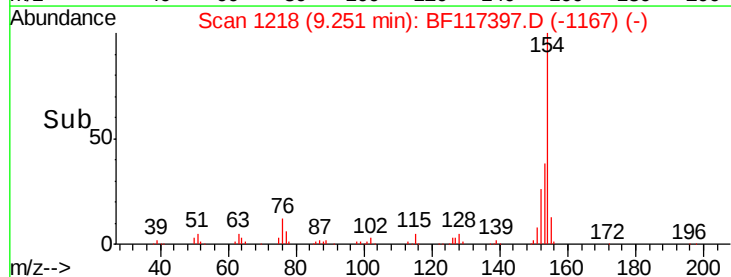
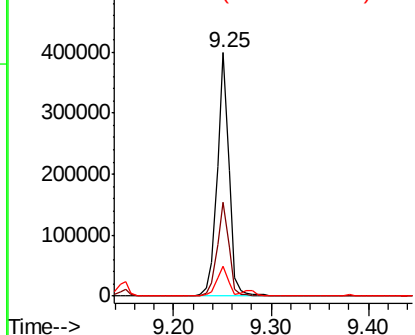


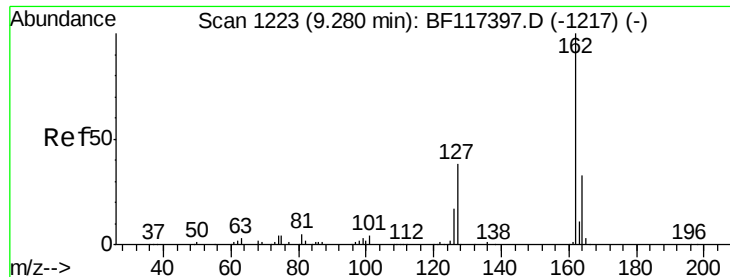
#46
 1,1'-Biphenyl
 Concen: 43.054 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

Tgt Ion:154 Resp: 334366
 Ion Ratio Lower Upper
 154 100
 153 38.3 18.3 58.3
 76 12.3 0.0 32.3



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

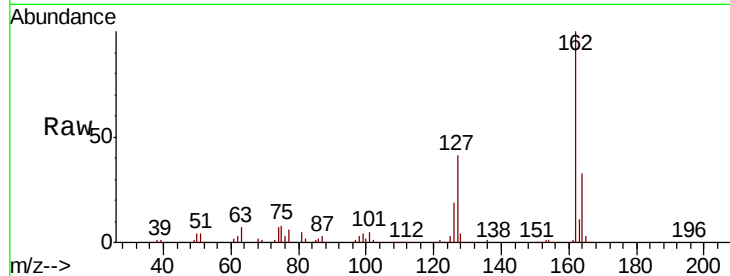




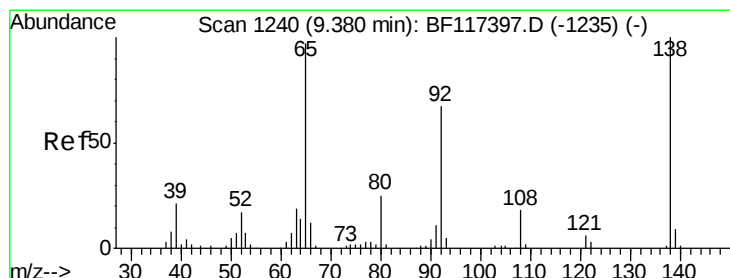
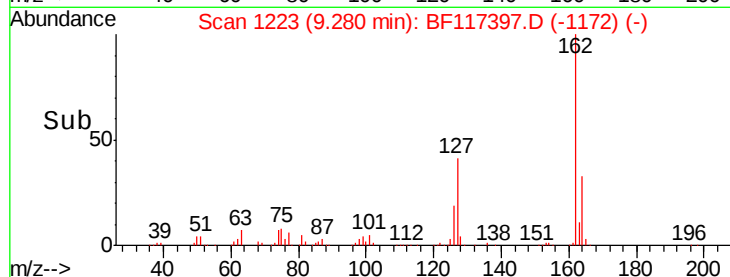
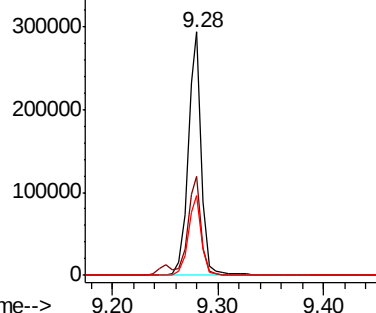
#47
 2-Chloronaphthalene
 Concen: 42.392 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	32.6	48.8
164	32.8	26.2	39.4

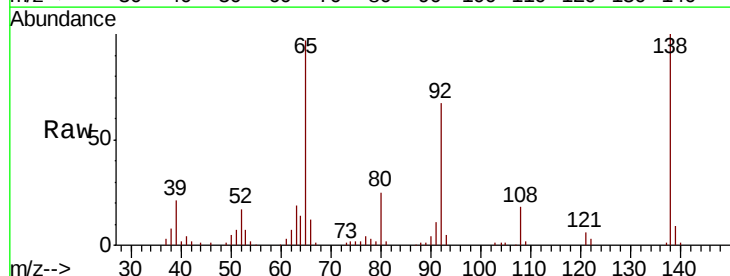


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

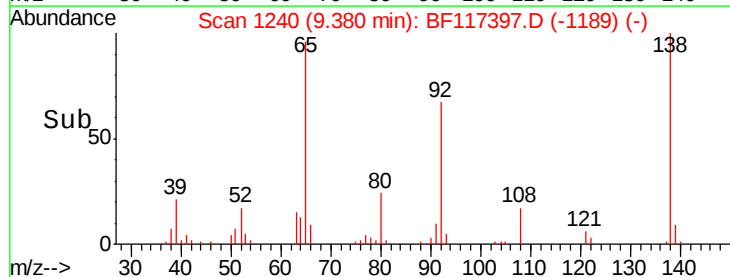
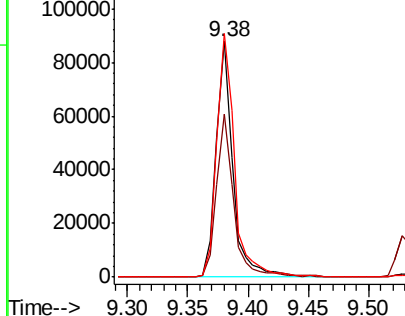


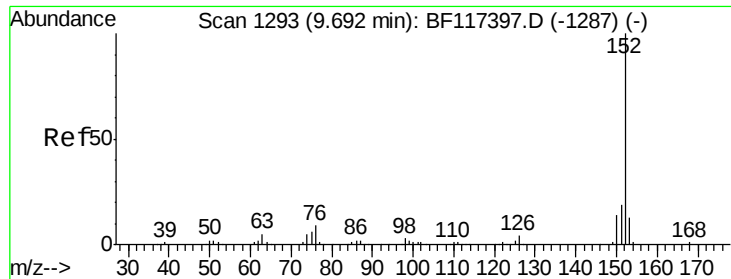
#48
 2-Nitroaniline
 Concen: 42.552 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	55.4	83.0
138	103.3	82.6	124.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.100 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

Instrument :

BNA_F

ClientSampleId :

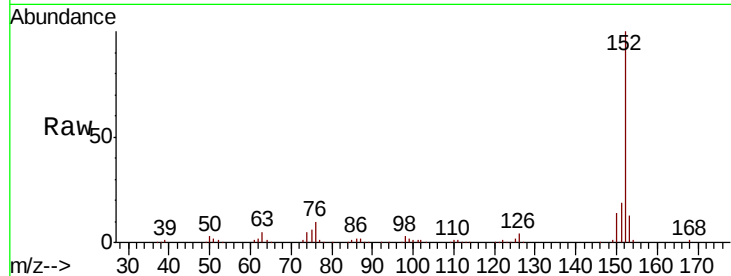
Tot Ion:152 Resp: 386559

Ion Ratio Lower Upper

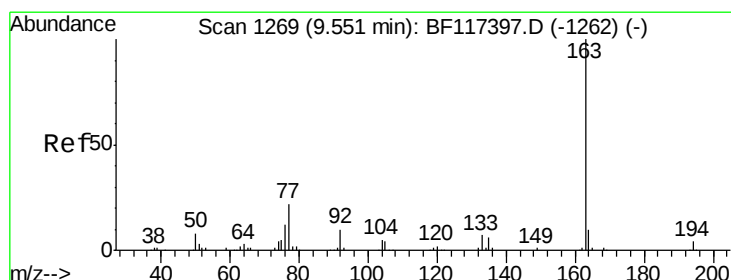
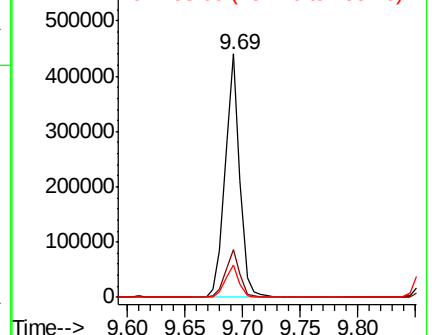
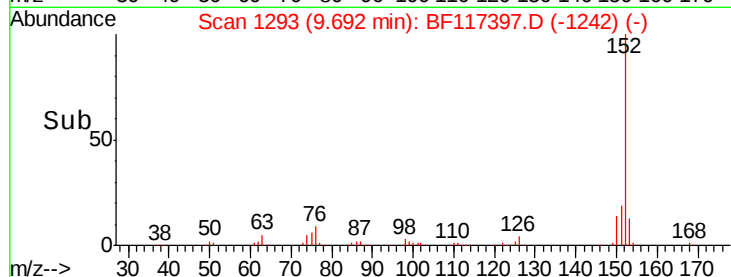
152 100

151 19.4 15.5 23.3

153 13.3 10.6 16.0



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: 41.815 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

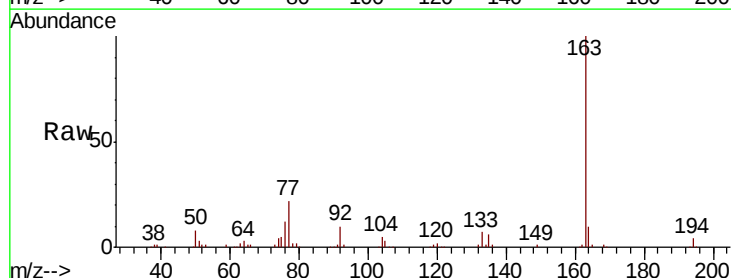
Tgt Ion:163 Resp: 293135

Ion Ratio Lower Upper

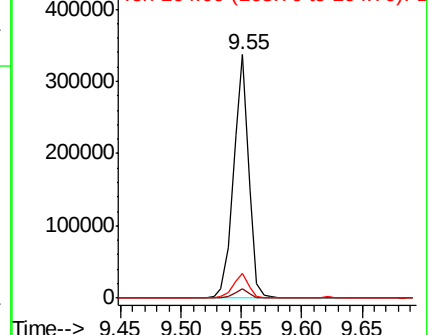
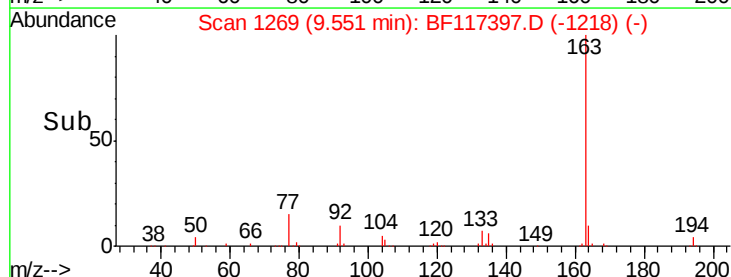
163 100

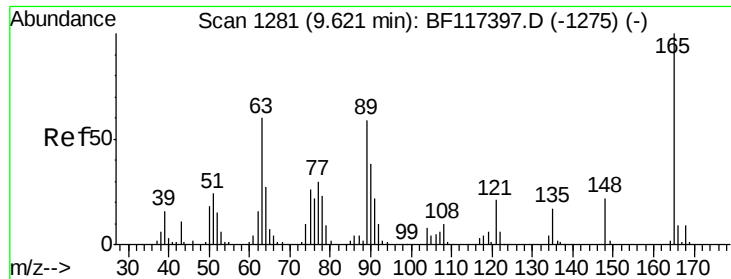
194 3.9 3.1 4.7

164 10.0 8.0 12.0



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

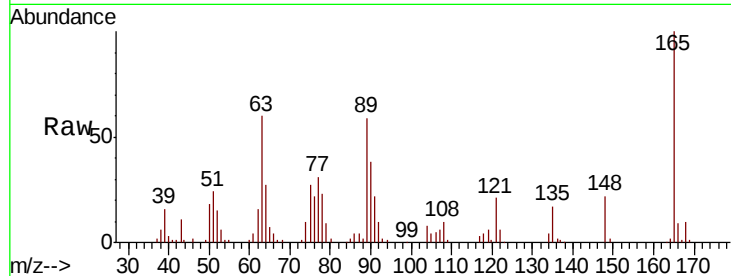




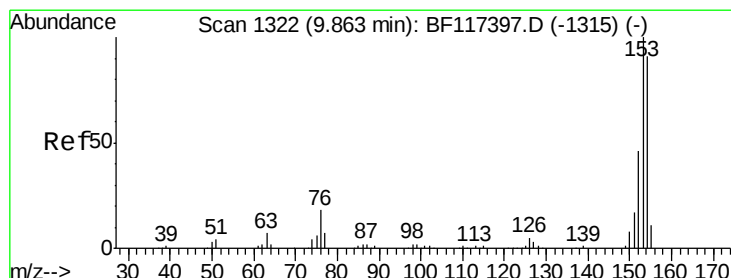
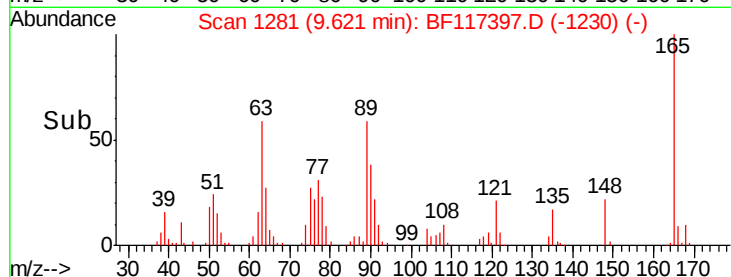
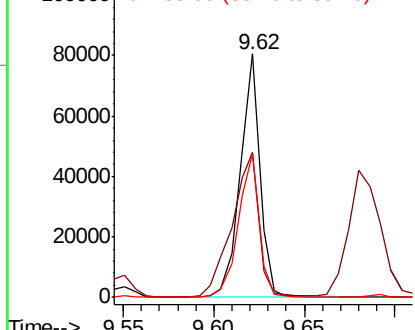
#51
 2,6-Dinitrotoluene
 Concen: 42.841 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 61168
 Ion Ratio Lower Upper
 165 100
 63 59.7 47.8 71.6
 89 59.2 47.4 71.0

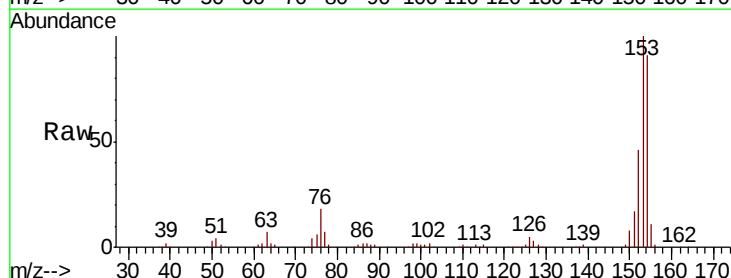


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

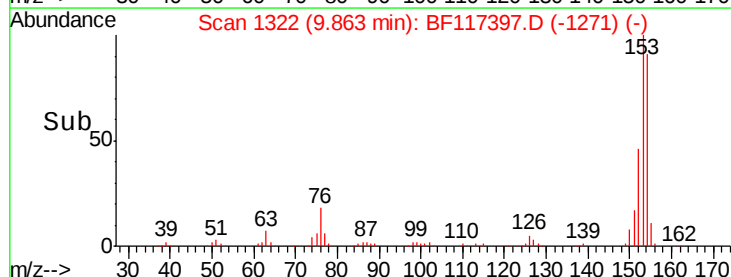
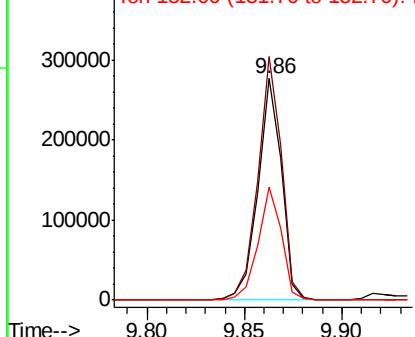


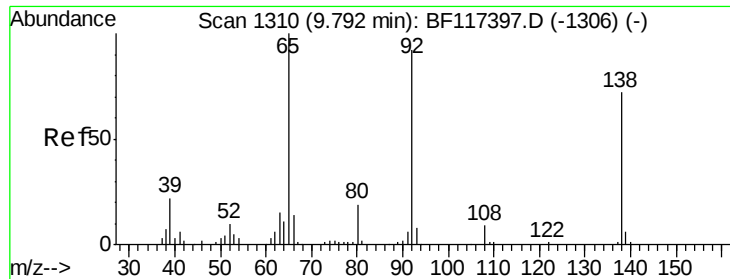
#52
 Acenaphthene
 Concen: 42.536 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

Tgt Ion:154 Resp: 231521
 Ion Ratio Lower Upper
 154 100
 153 109.9 87.9 131.9
 152 51.0 40.8 61.2



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

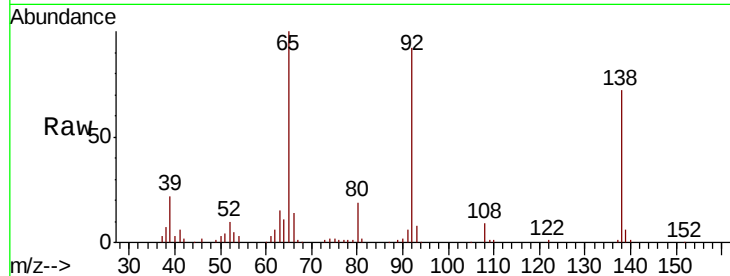




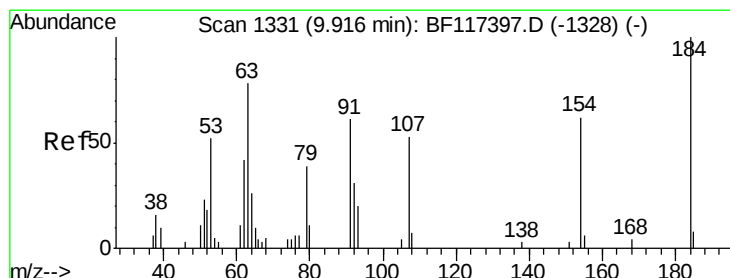
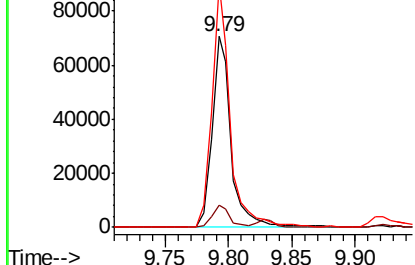
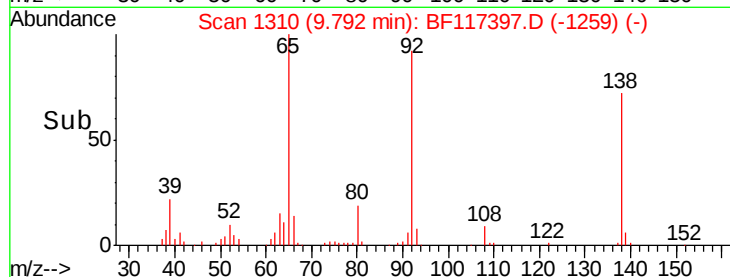
#53
3-Nitroaniline
Concen: 41.447 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 74664
Ion Ratio Lower Upper
138 100
108 11.9 9.5 14.3
92 127.8 102.2 153.4

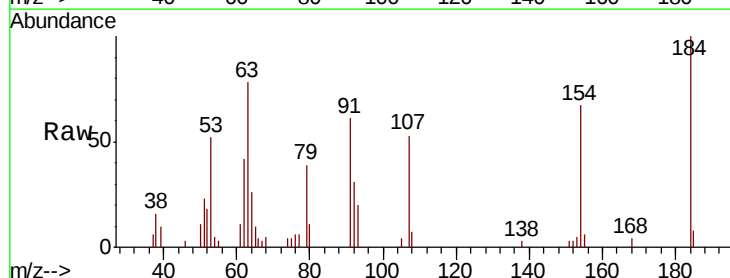


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

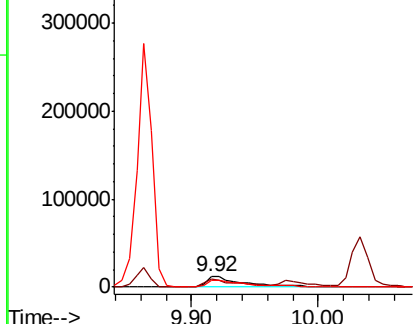
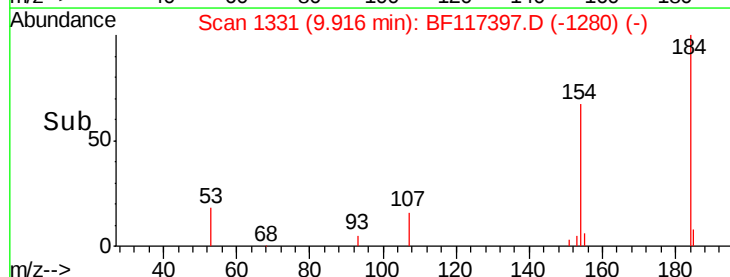


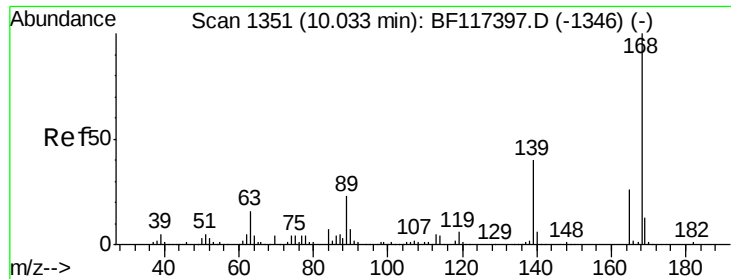
#54
2,4-Dinitrophenol
Concen: 48.584 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Tgt Ion:184 Resp: 24554
Ion Ratio Lower Upper
184 100
63 78.0 62.4 93.6
154 66.9 53.5 80.3



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

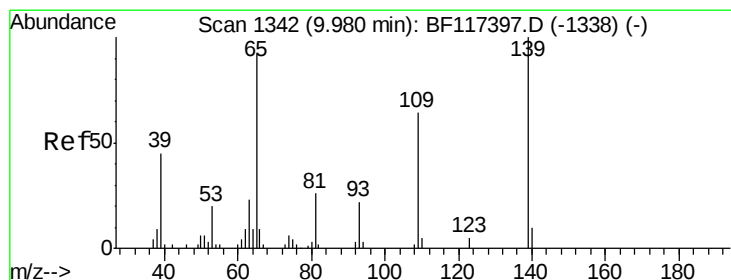
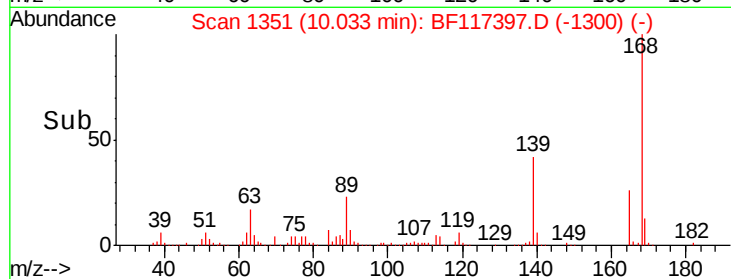
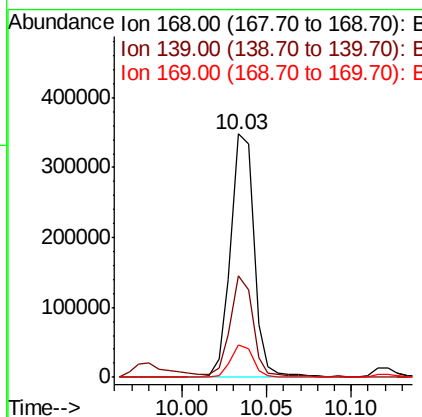
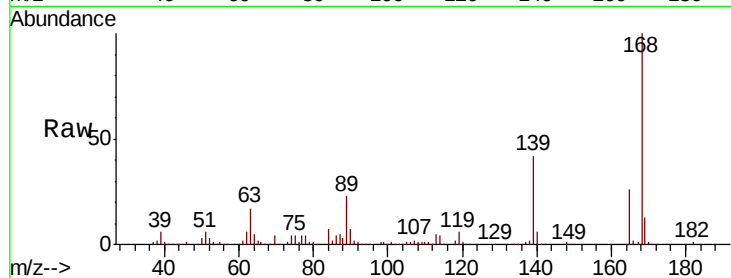




#55
 Dibenzofuran
 Concen: 42.333 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

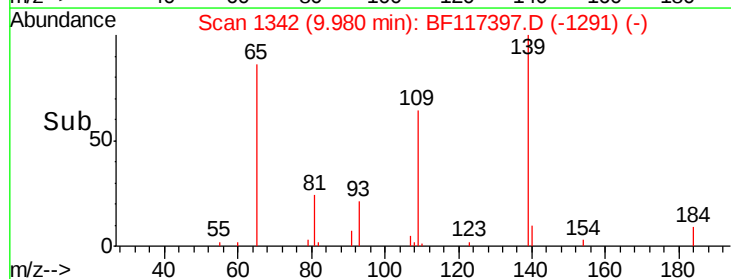
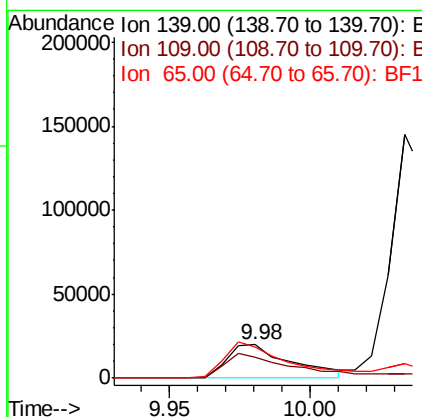
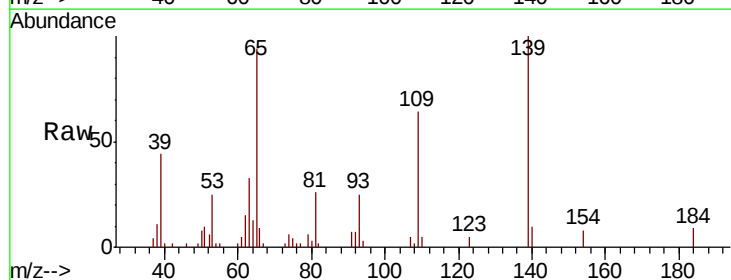
Instrument :
 BNA_F
 ClientSampleId :

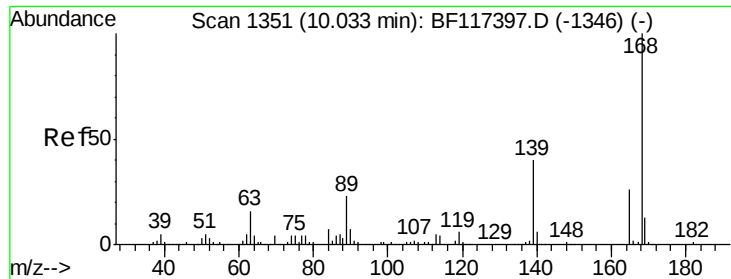
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.6	33.3	49.9
169	13.4	10.7	16.1



#56
 4-Nitrophenol
 Concen: 26.883 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.8	43.8	83.8
65	93.9	73.9	113.9

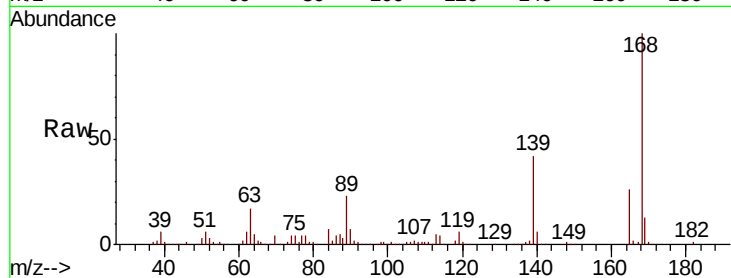




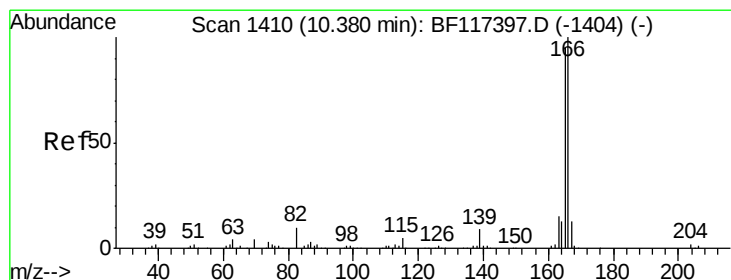
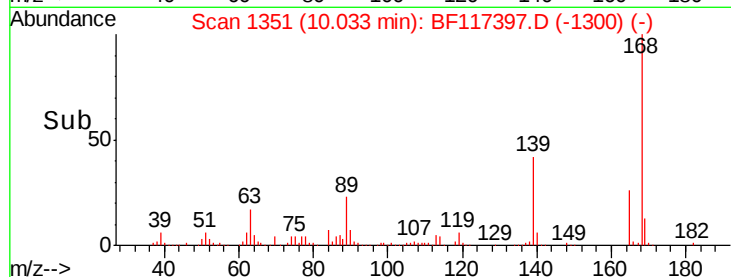
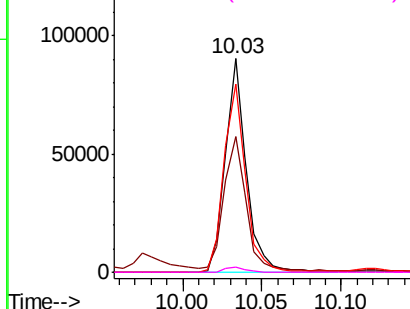
#57
2,4-Dinitrotoluene
Concen: 44.697 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 82838
Ion Ratio Lower Upper
165 100
63 63.7 51.0 76.4
89 88.4 70.7 106.1
182 2.6 2.1 3.1

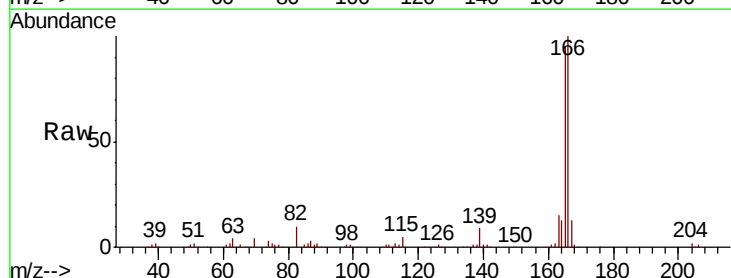


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

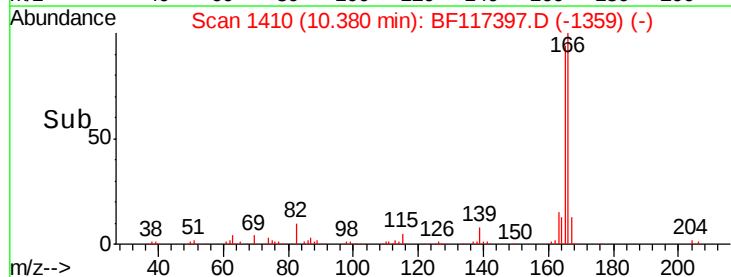
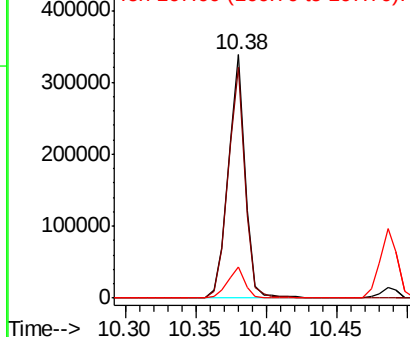


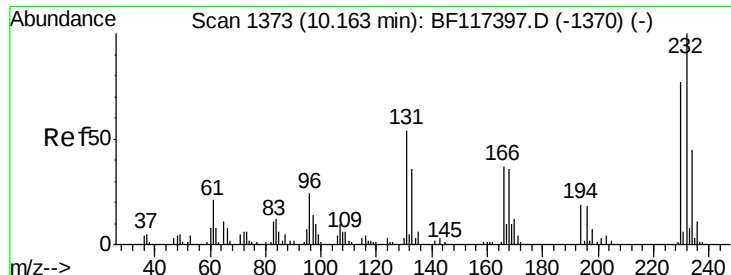
#58
Fluorene
Concen: 43.380 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Tgt Ion:166 Resp: 280625
Ion Ratio Lower Upper
166 100
165 94.6 75.7 113.5
167 13.0 10.4 15.6



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

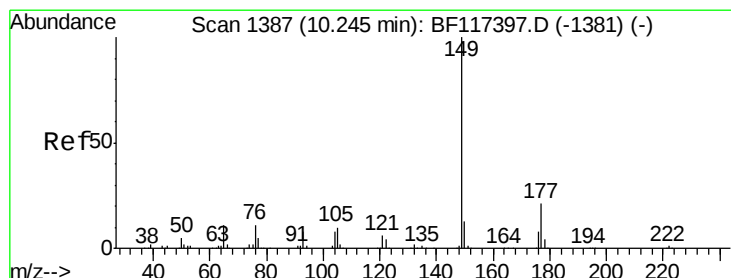
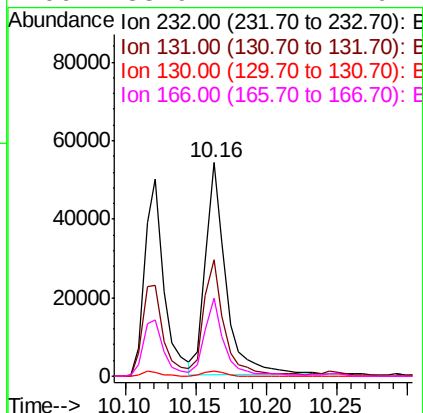
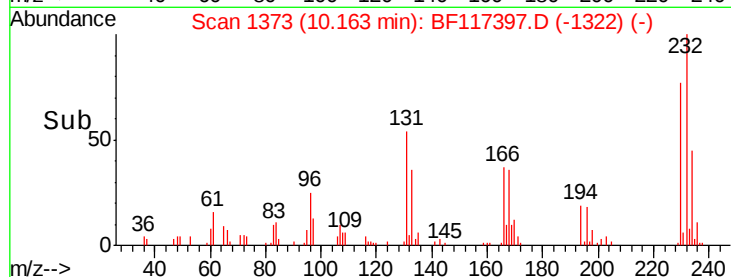
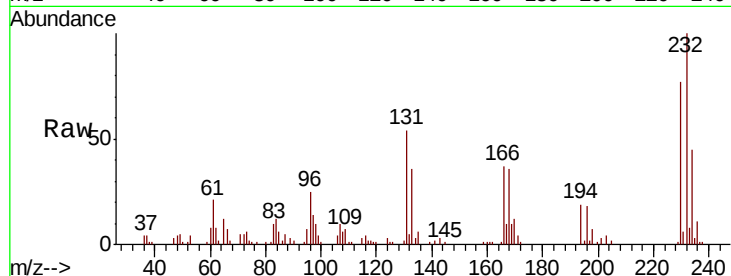




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.566 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

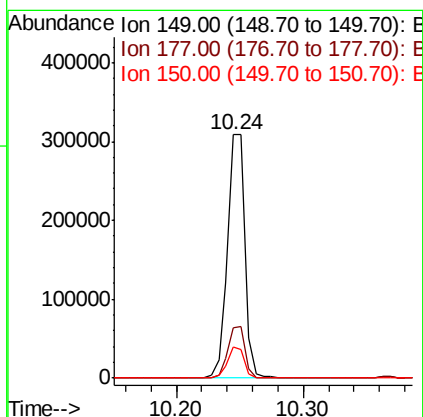
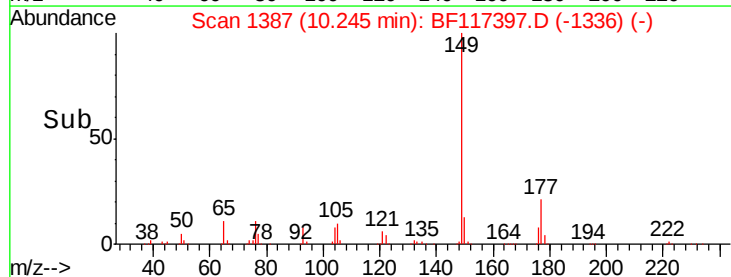
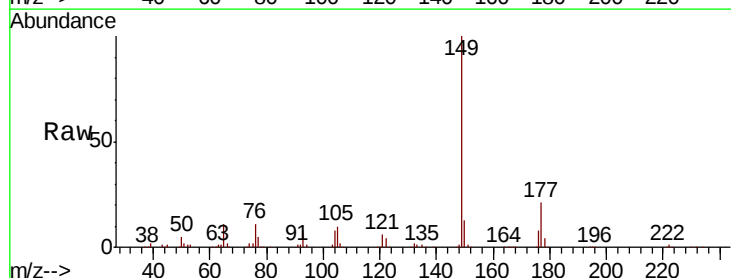
Instrument :
 BNA_F
 ClientSampleId :

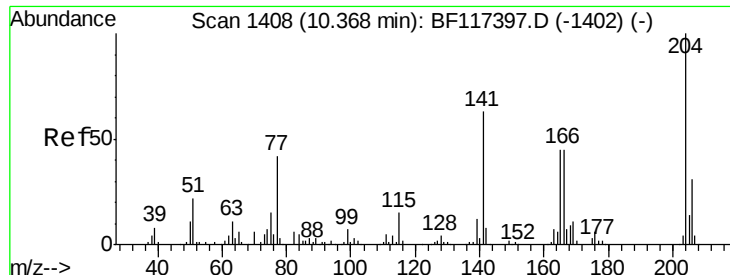
Tot Ion:232 Resp: 54709
 Ion Ratio Lower Upper
 232 100
 131 55.6 44.5 66.7
 130 2.5 2.0 3.0
 166 33.9 27.1 40.7



#60
 Diethylphthalate
 Concen: 42.454 ng
 RT: 10.24 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

Tgt Ion:149 Resp: 292803
 Ion Ratio Lower Upper
 149 100
 177 20.6 16.5 24.7
 150 12.6 10.1 15.1

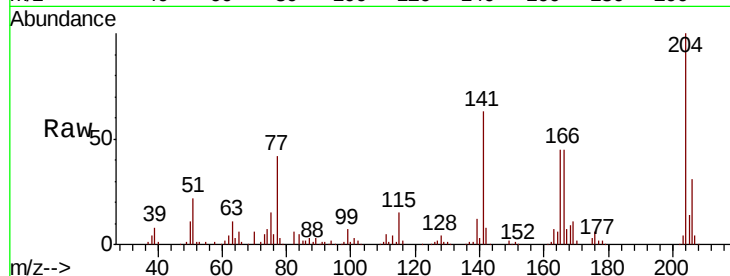




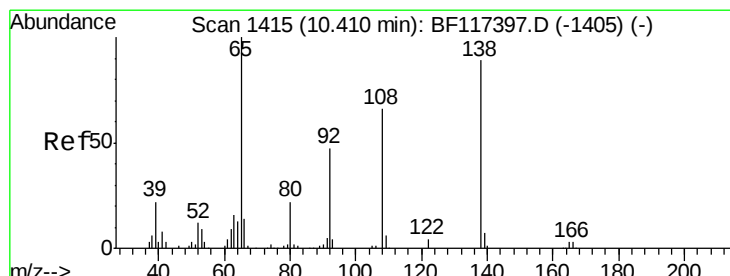
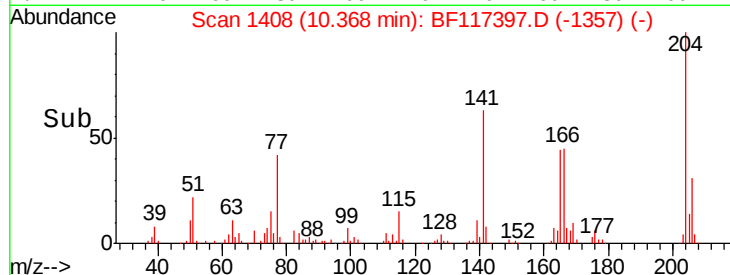
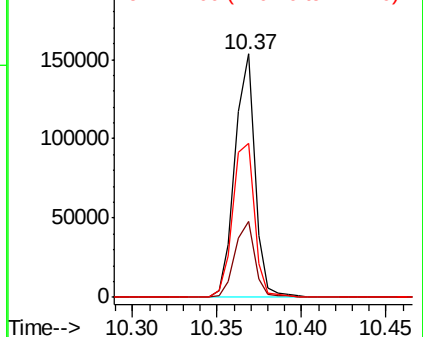
#61
4-Chlorophenyl-phenylether
Concen: 45.394 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 127051
Ion Ratio Lower Upper
204 100
206 31.2 25.0 37.4
141 63.4 50.7 76.1

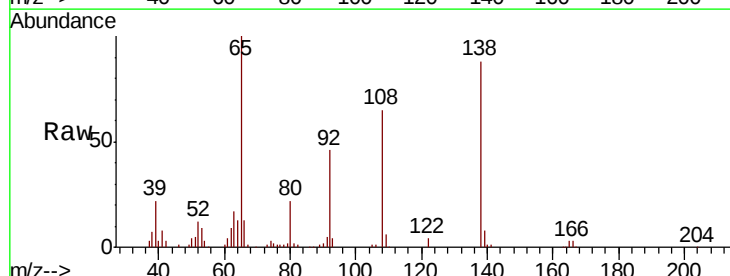


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

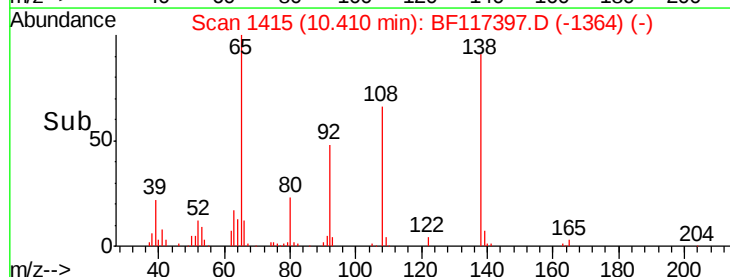
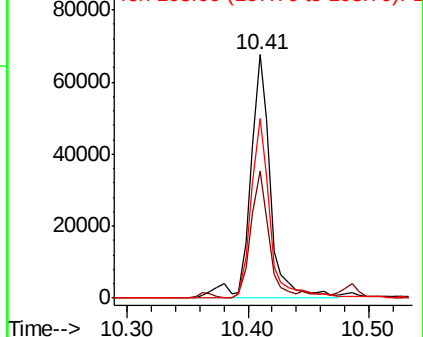


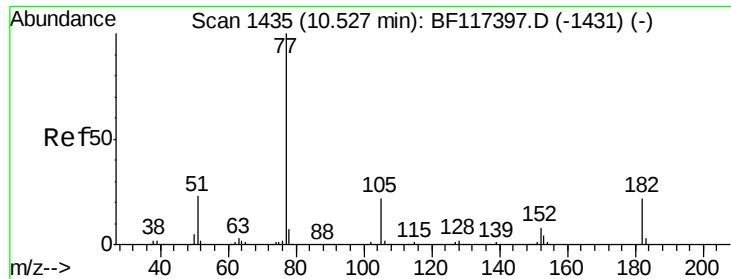
#62
4-Nitroaniline
Concen: 41.802 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Tgt Ion:138 Resp: 78311
Ion Ratio Lower Upper
138 100
92 52.4 32.4 72.4
108 73.8 53.8 93.8



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

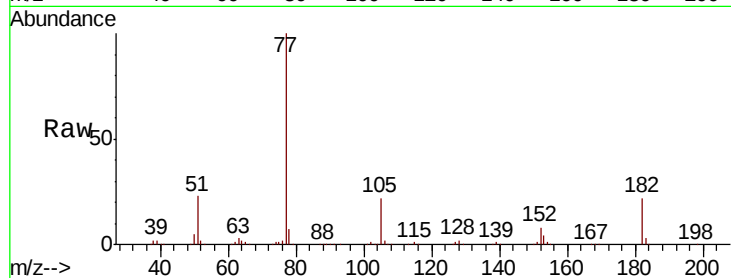




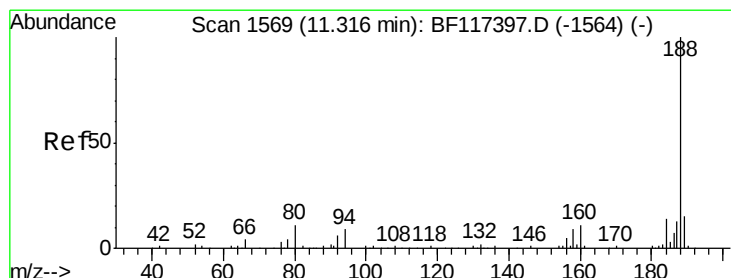
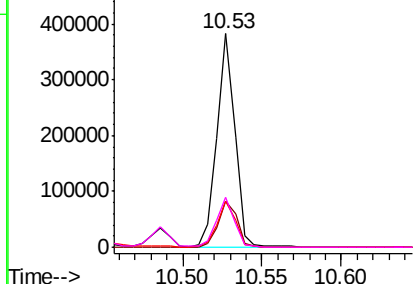
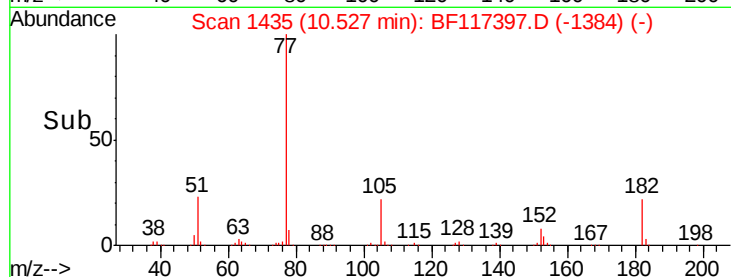
#63
Azobenzene
Concen: 42.669 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 300563
Ion Ratio Lower Upper
77 100
182 21.5 1.5 41.5
105 21.8 1.8 41.8
51 23.3 3.3 43.3

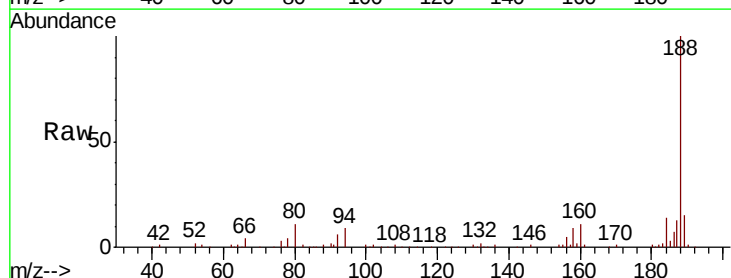


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

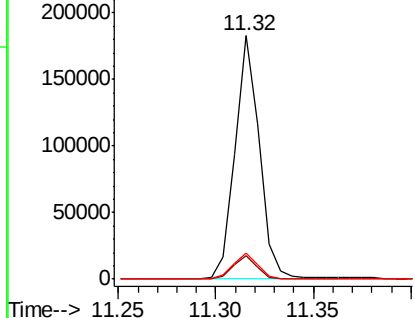
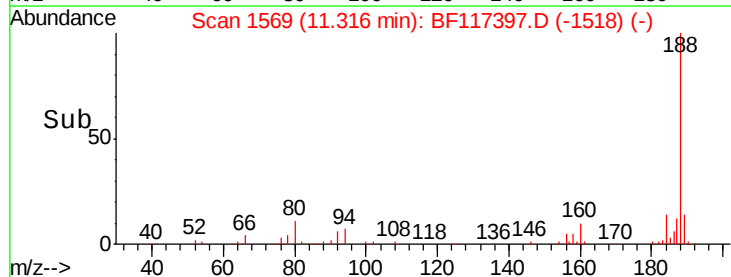


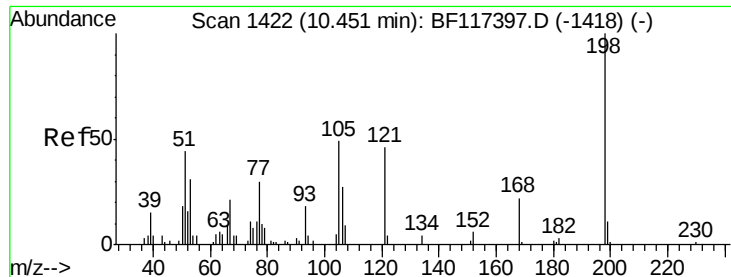
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Tgt Ion: 188 Resp: 158723
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 10.9 8.7 13.1



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

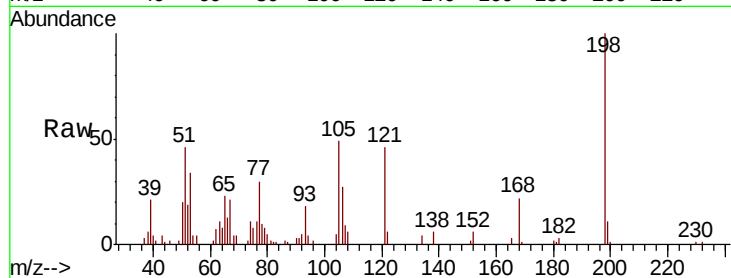




#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.485 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	45.9	25.9	65.9
105	49.4	29.4	69.4

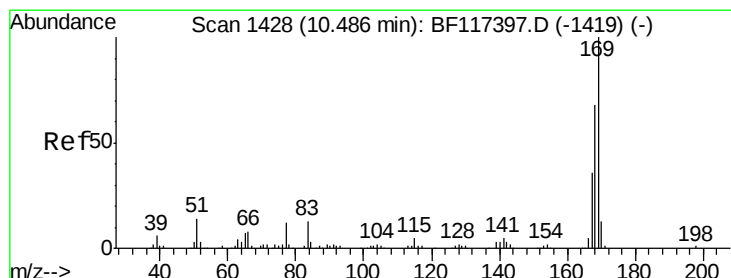
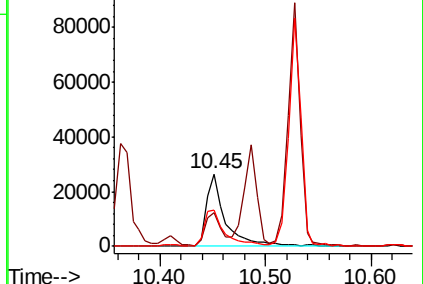
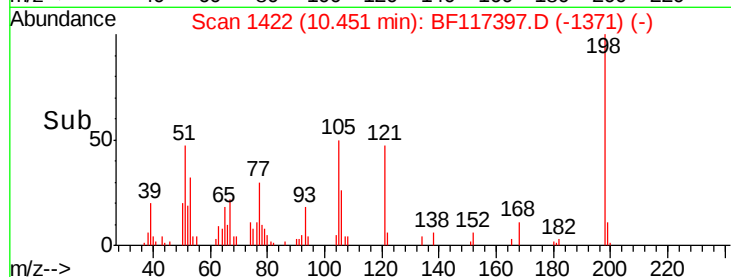


Abundance

Ion 198.00 (197.70 to 198.70): E

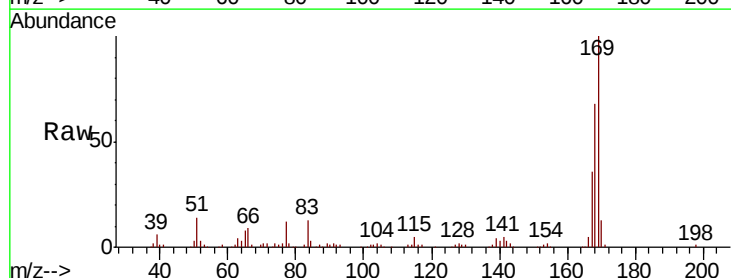
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 43.193 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.1	81.1
167	36.0	28.8	43.2

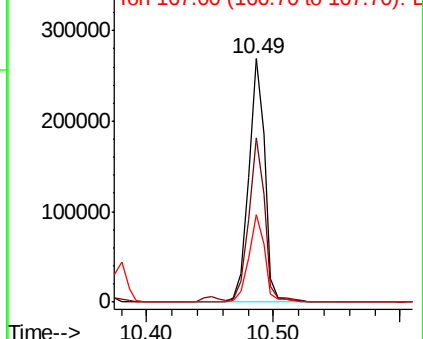
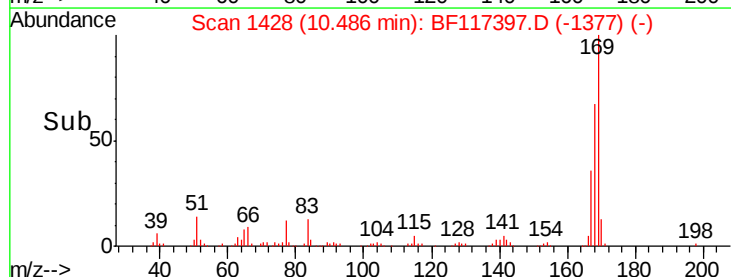


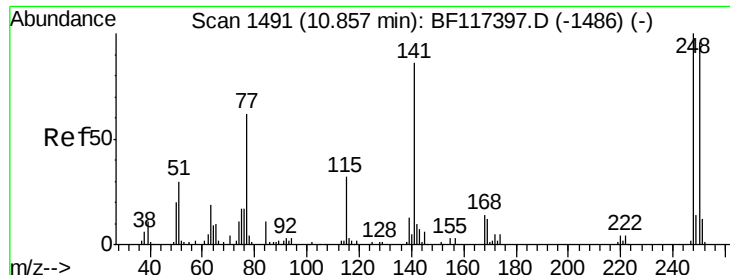
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

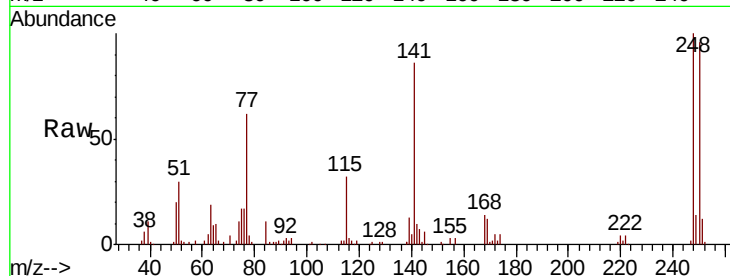




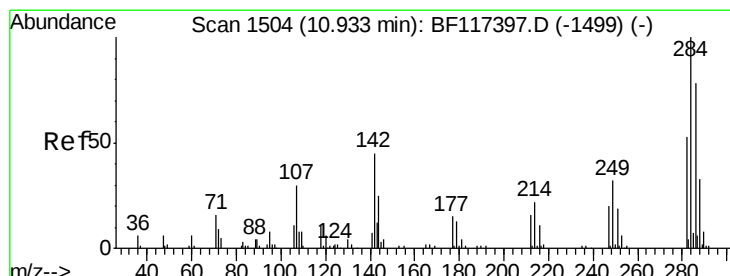
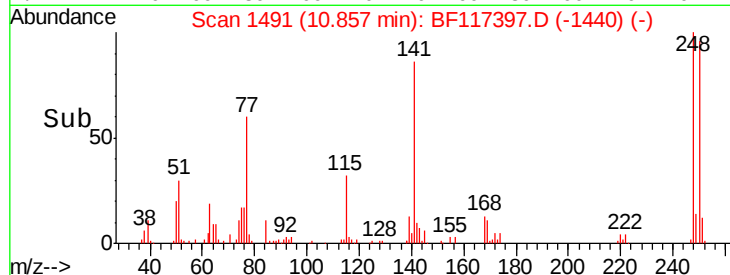
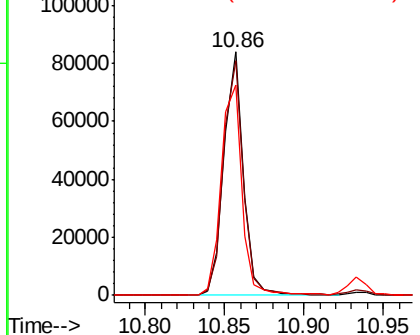
#67
 4-Bromophenyl-phenylether
 Concen: 44.346 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 71882
 Ion Ratio Lower Upper
 248 100
 250 96.4 77.1 115.7
 141 86.4 69.1 103.7

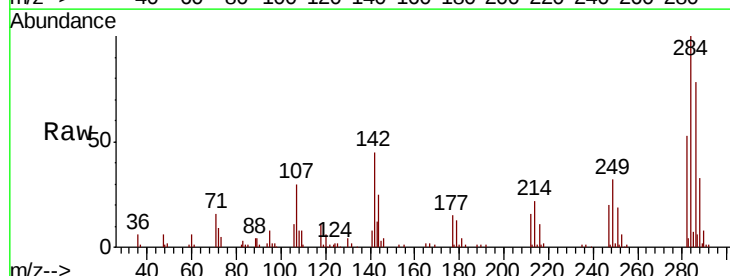


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

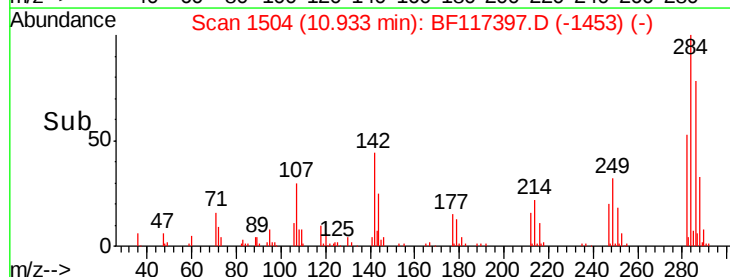
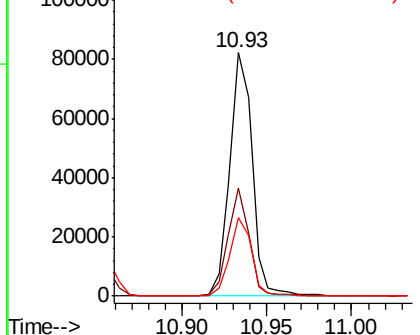


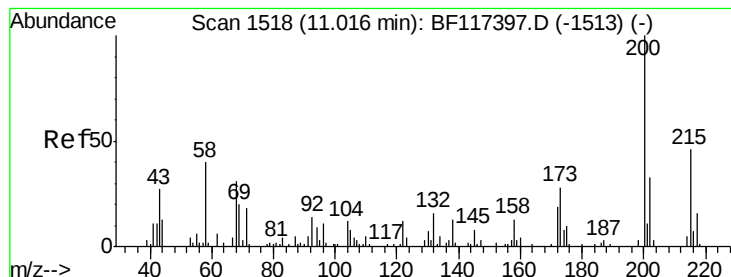
#68
 Hexachlorobenzene
 Concen: 42.797 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

Tgt Ion:284 Resp: 75876
 Ion Ratio Lower Upper
 284 100
 142 44.6 35.7 53.5
 249 32.2 25.8 38.6



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: 34.196 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

Instrument :

BNA_F

ClientSampleId :

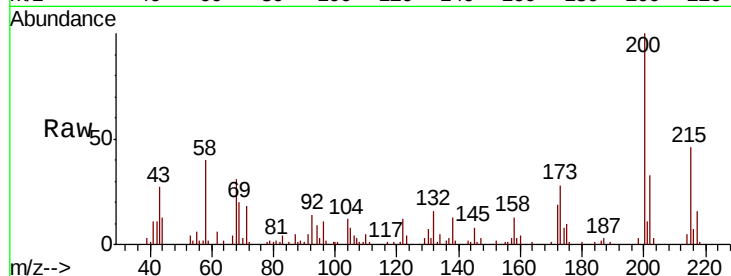
Tot Ion:200 Resp: 46045

Ion Ratio Lower Upper

200 100

173 28.0 8.0 48.0

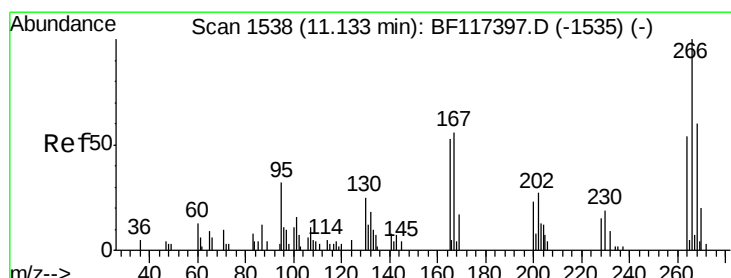
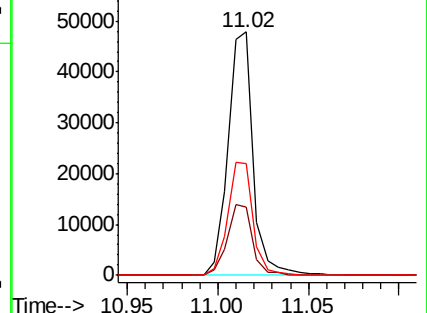
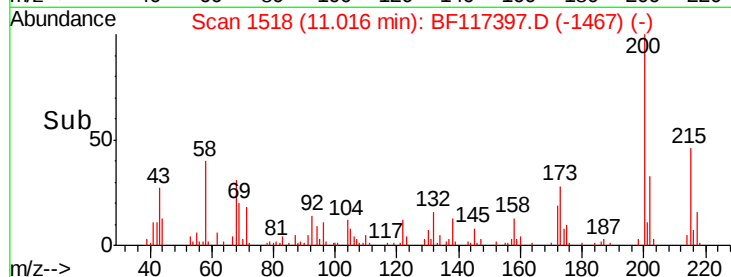
215 45.8 25.8 65.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 27.411 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

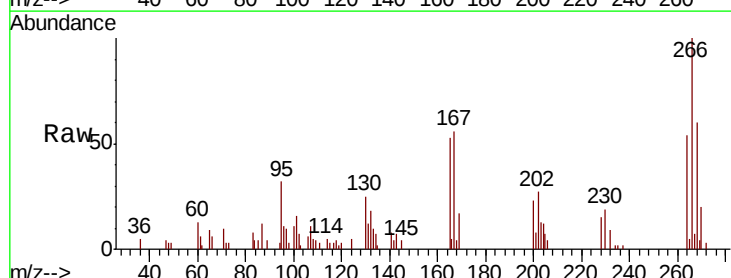
Tgt Ion:266 Resp: 22780

Ion Ratio Lower Upper

266 100

268 59.7 47.8 71.6

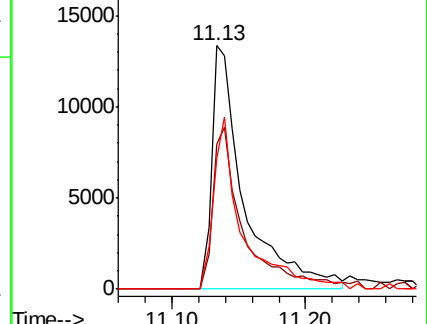
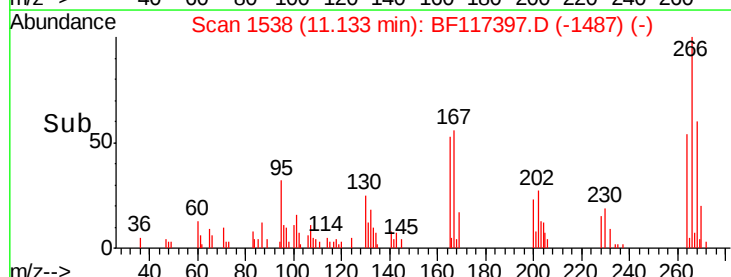
264 53.6 42.9 64.3

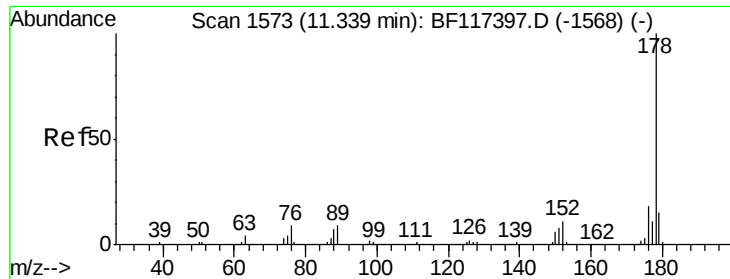


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

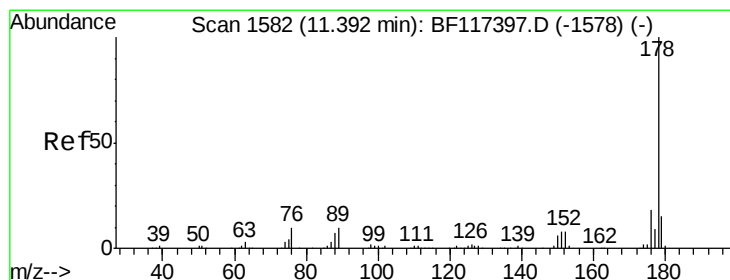
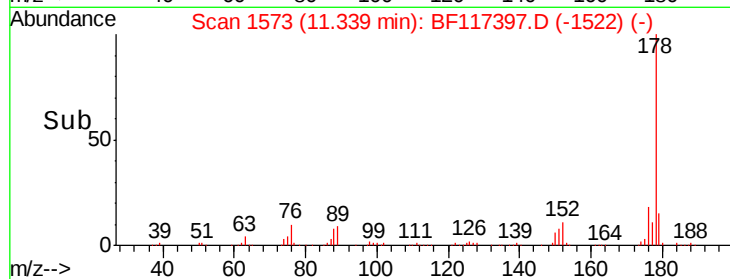
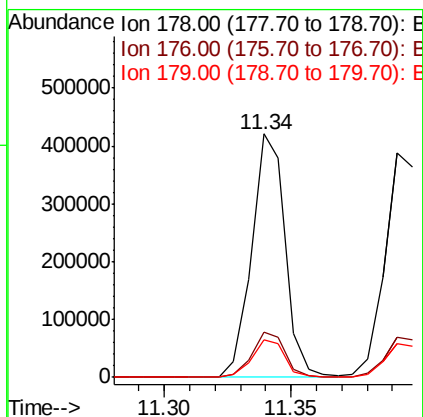
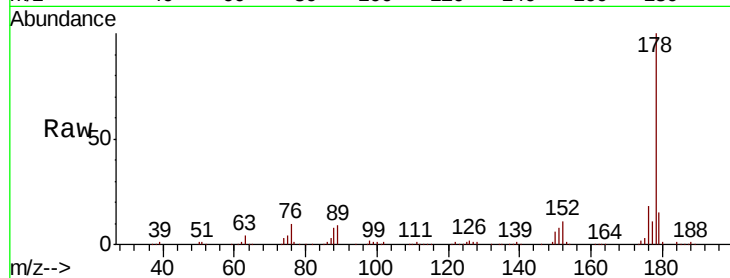




#71
 Phenanthrene
 Concen: 43.047 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

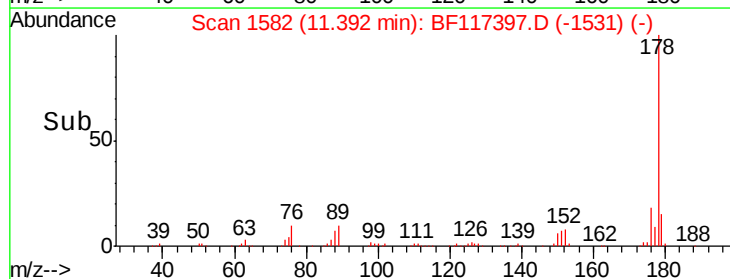
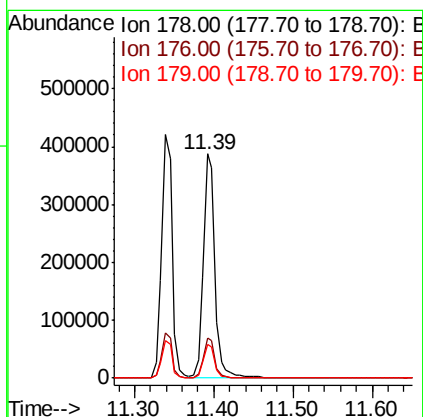
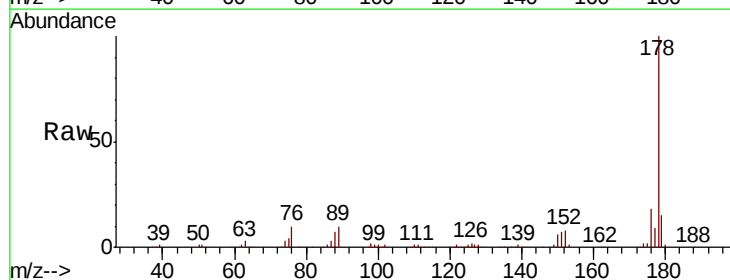
Instrument :
 BNA_F
 ClientSampleId :

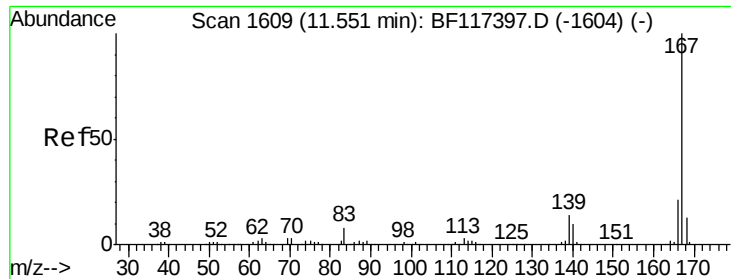
Tot Ion:178 Resp: 388083
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.6 22.0
 179 15.4 12.3 18.5



#72
 Anthracene
 Concen: 43.685 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

Tgt Ion:178 Resp: 402077
 Ion Ratio Lower Upper
 178 100
 176 18.0 14.4 21.6
 179 15.1 12.1 18.1

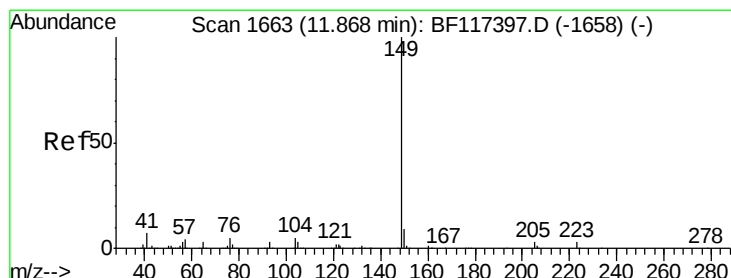
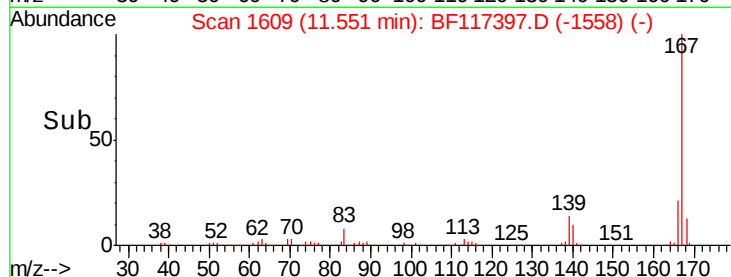
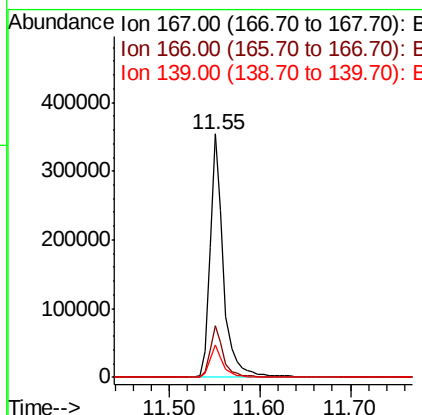
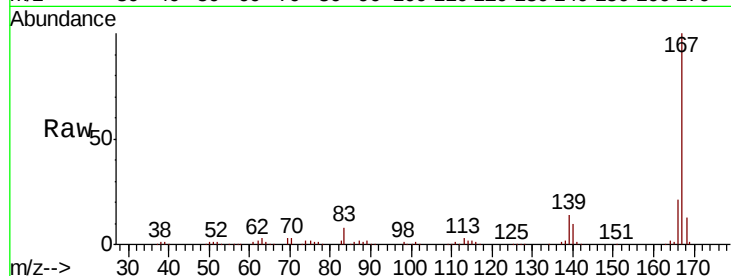




#73
 Carbazole
 Concen: 41.958 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

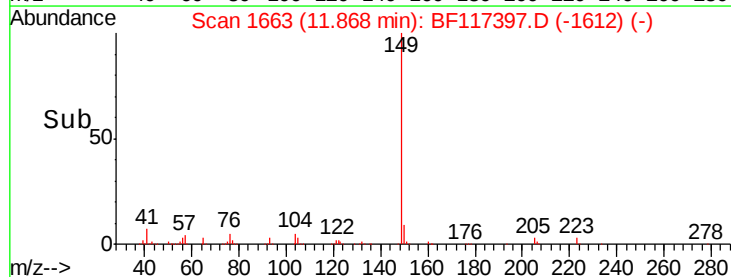
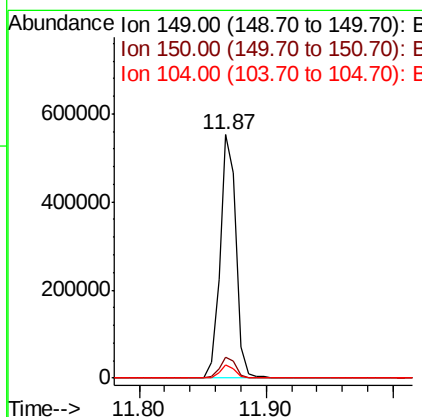
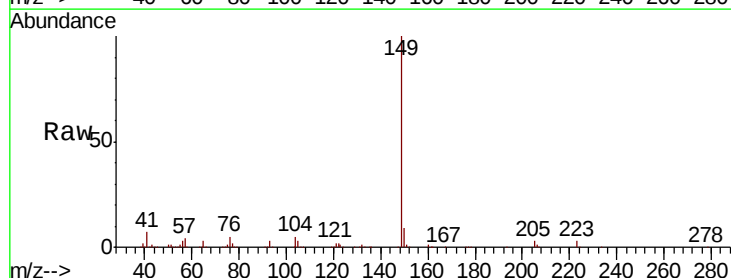
Instrument :
 BNA_F
 ClientSampleId :

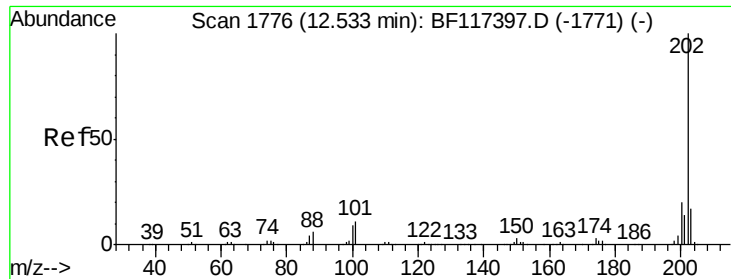
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.4
139	13.5	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 46.687 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.0	10.6
104	5.2	4.2	6.2

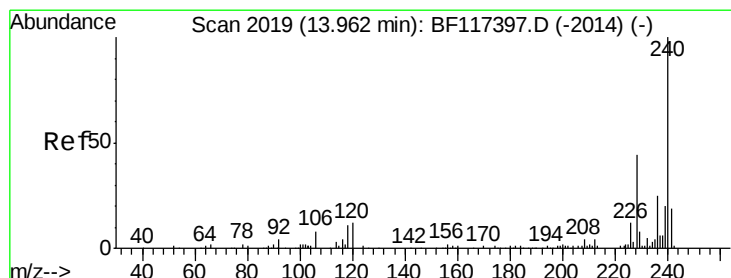
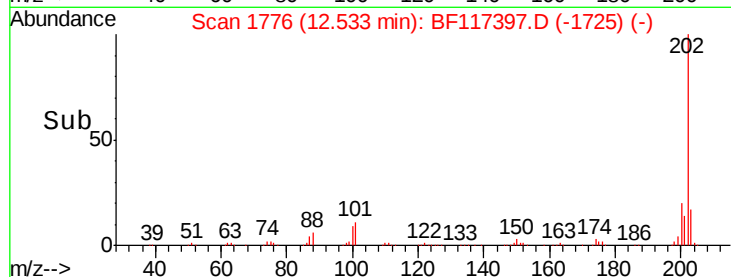
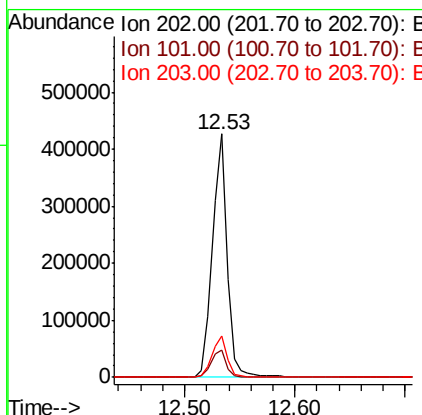
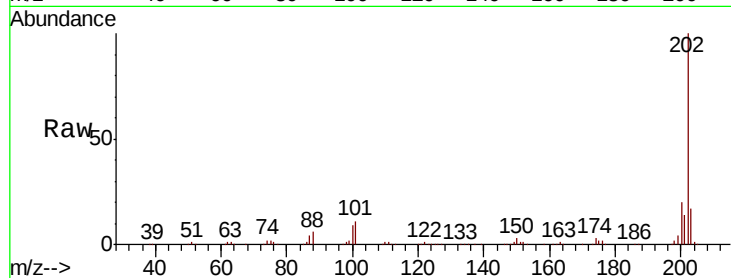




#75
 Fluoranthene
 Concen: 42.001 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

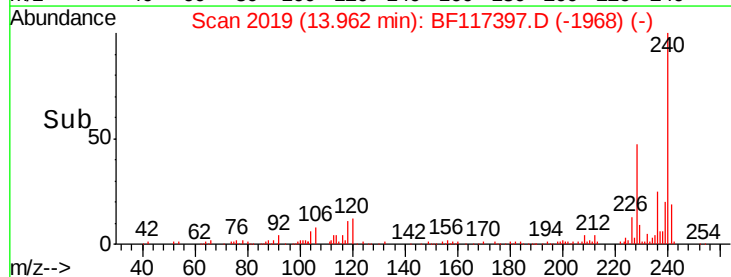
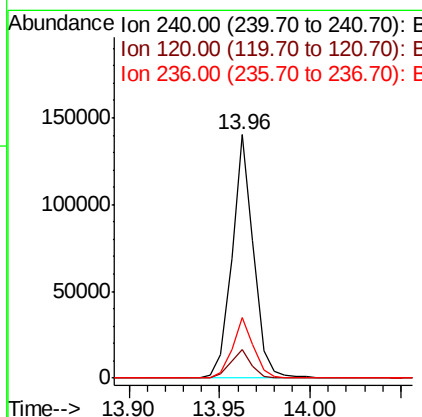
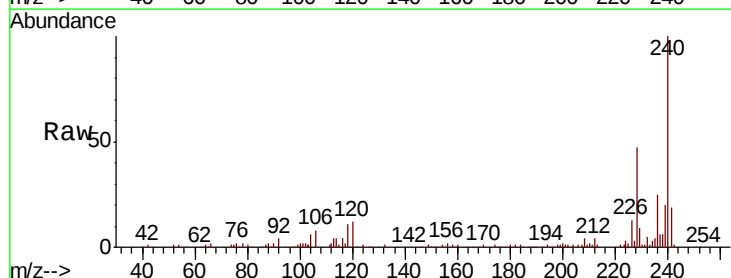
Instrument :
 BNA_F
 ClientSampleId :

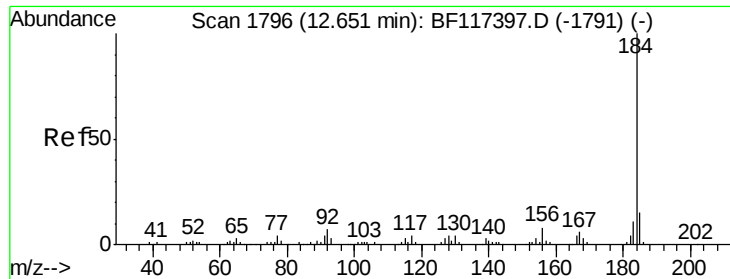
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.3
203	16.9	0.0	36.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF117397.D
 Acq: 14 Oct 2019 13:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.4	14.0
236	24.7	19.8	29.6

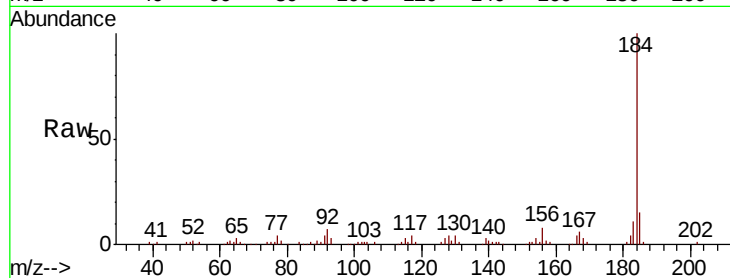




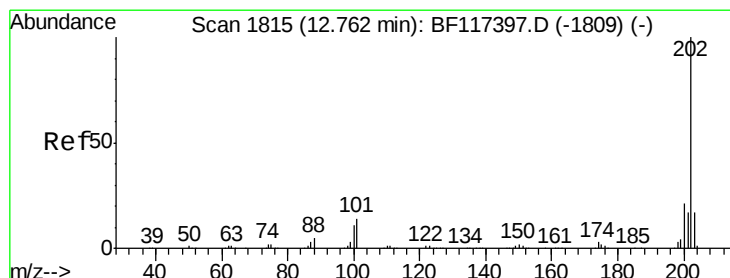
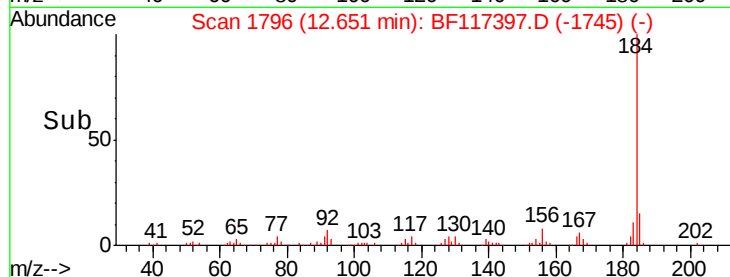
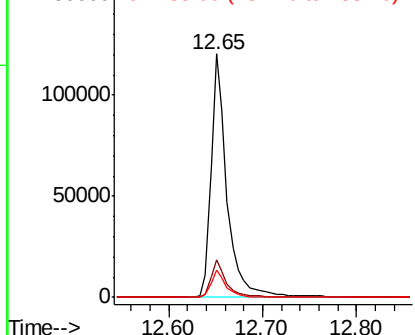
#77
Benzidine
Concen: 38.808 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 144426
Ion Ratio Lower Upper
184 100
185 15.2 12.2 18.2
183 11.1 8.9 13.3

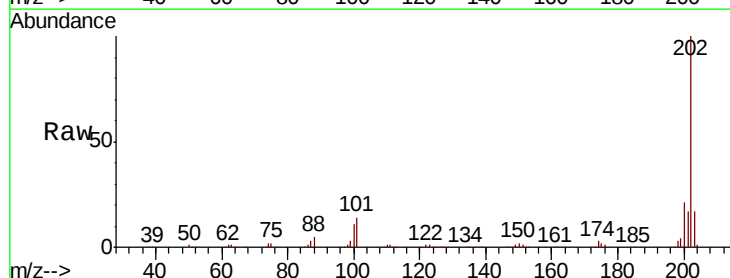


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

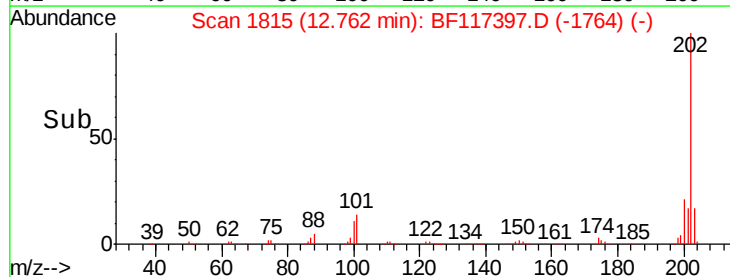
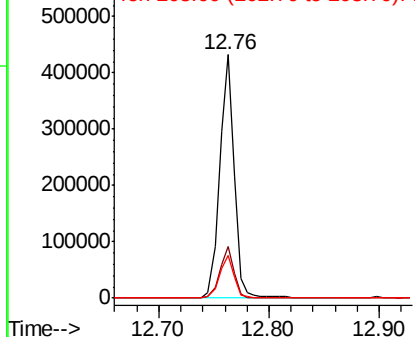


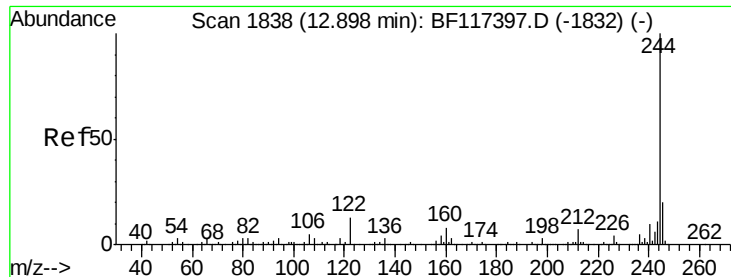
#78
Pyrene
Concen: 40.649 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Tgt Ion:202 Resp: 394049
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.5 14.0 21.0



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





#79

Terphenyl-d14

Concen: 88.807 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

Instrument :

BNA_F

ClientSampleId :

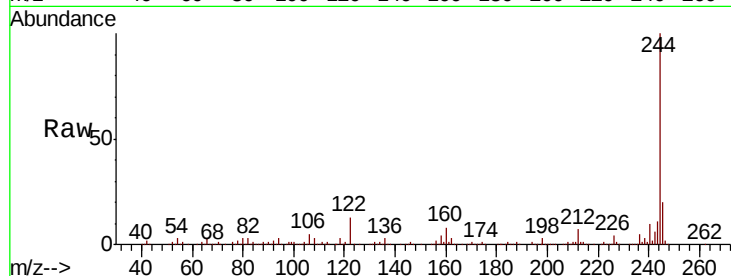
Tot Ion:244 Resp: 548891

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

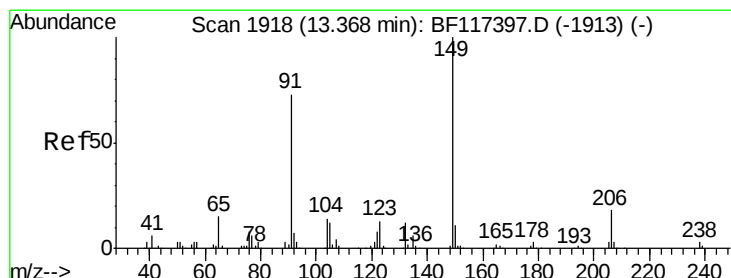
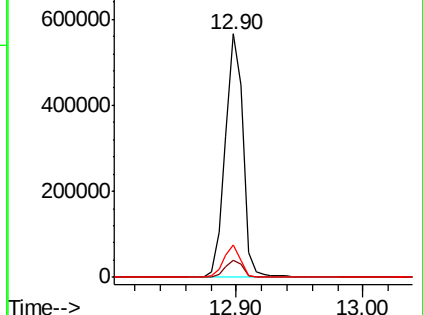
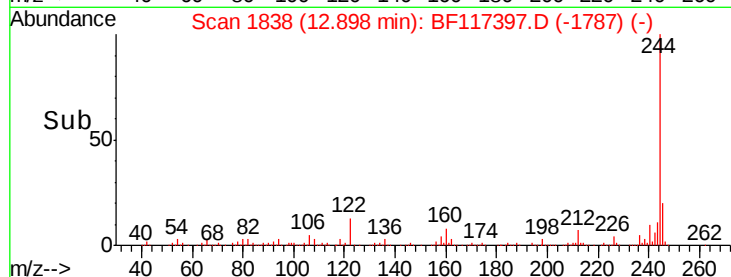
122 13.4 10.7 16.1



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: 43.027 ng

RT: 13.37 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BF117397.D

Acq: 14 Oct 2019 13:02

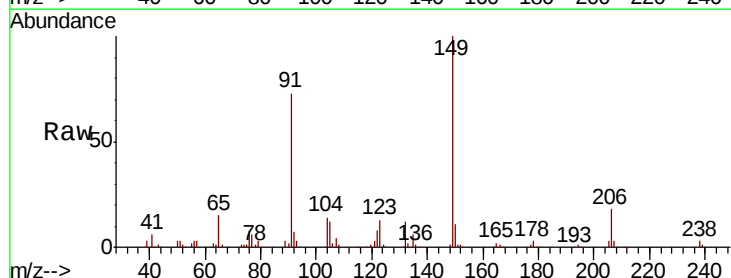
Tgt Ion:149 Resp: 197088

Ion Ratio Lower Upper

149 100

91 73.1 58.5 87.7

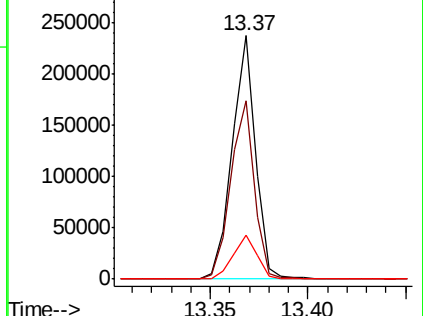
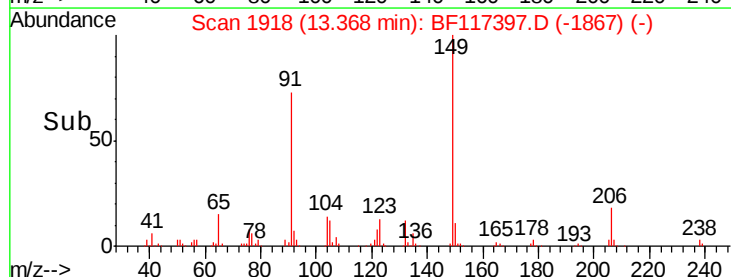
206 18.0 14.4 21.6

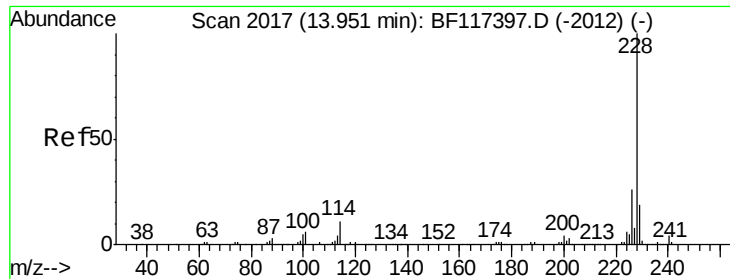


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

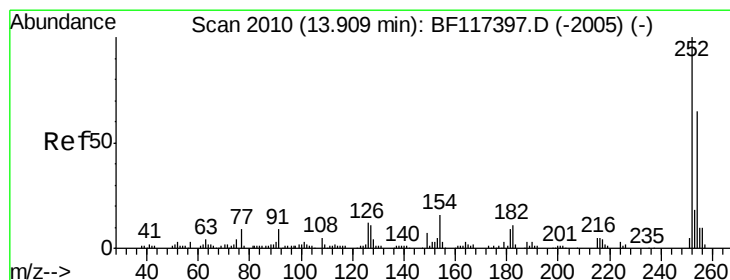
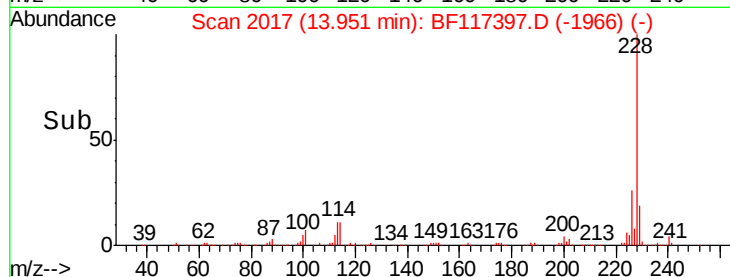
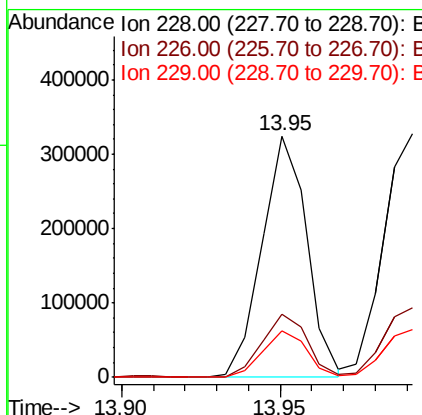
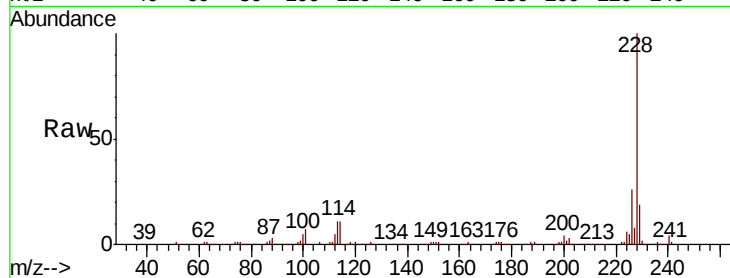




#81
Benzo(a)anthracene
Concen: 41.370 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

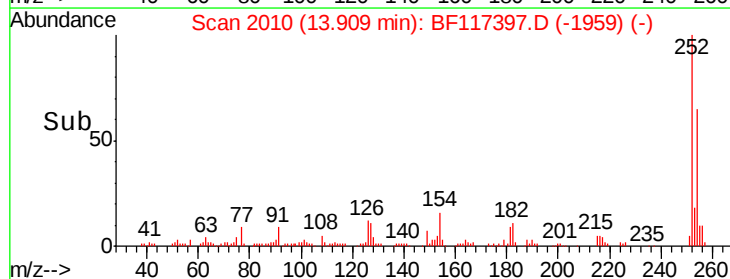
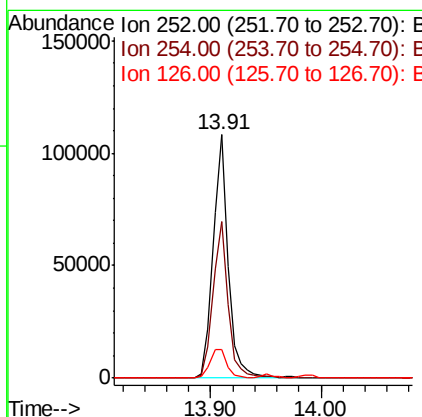
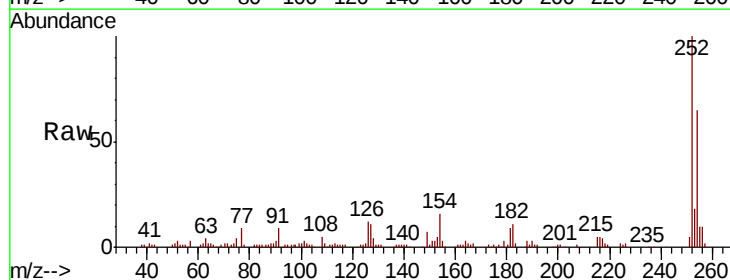
Instrument :
BNA_F
ClientSampleId :

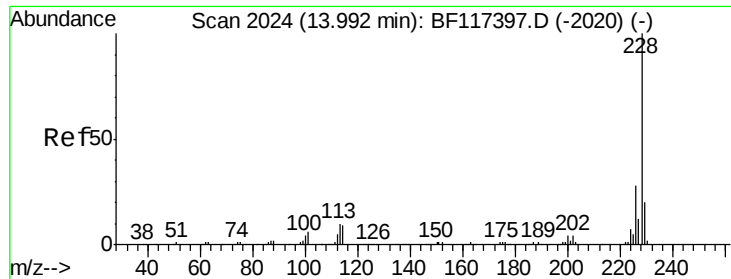
Tot Ion:228 Resp: 319328
Ion Ratio Lower Upper
228 100
226 26.1 20.9 31.3
229 19.0 15.2 22.8



#82
3,3'-Dichlorobenzidine
Concen: 40.797 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Tgt Ion:252 Resp: 101477
Ion Ratio Lower Upper
252 100
254 64.5 51.6 77.4
126 12.0 9.6 14.4

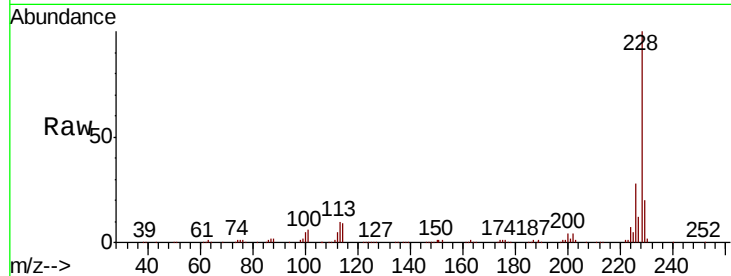




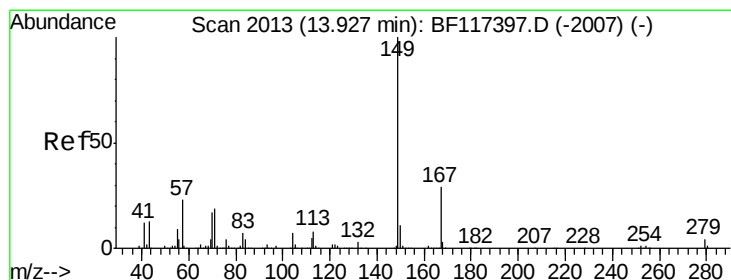
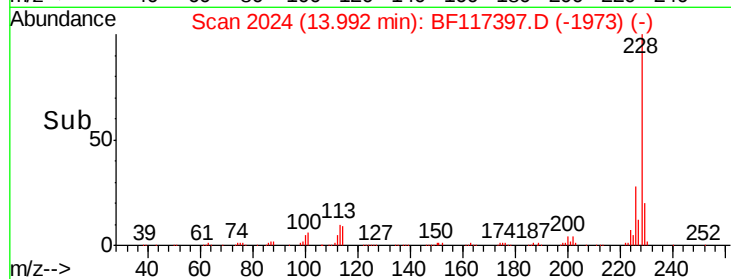
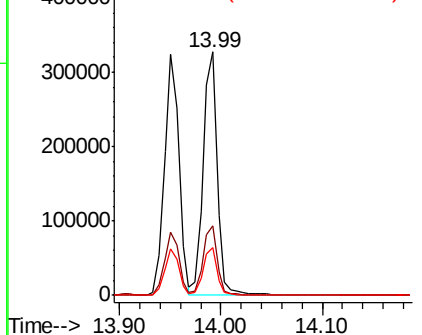
#83
Chrysene
Concen: 42.046 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 316536
Ion Ratio Lower Upper
228 100
226 28.5 22.8 34.2
229 19.6 15.7 23.5

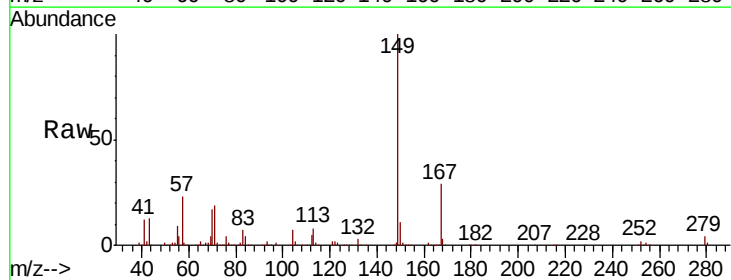


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

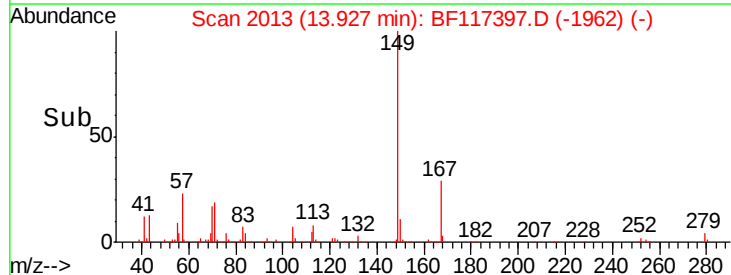
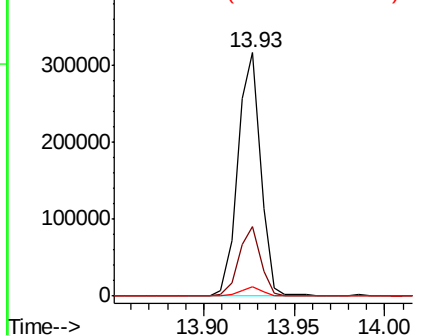


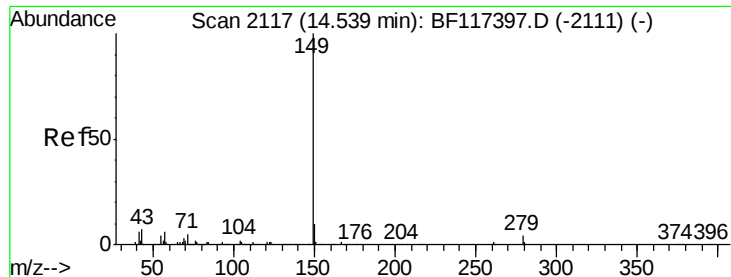
#84
Bis(2-ethylhexyl)phthalate
Concen: 47.089 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Tgt Ion:149 Resp: 278105
Ion Ratio Lower Upper
149 100
167 28.8 23.0 34.6
279 3.8 3.0 4.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

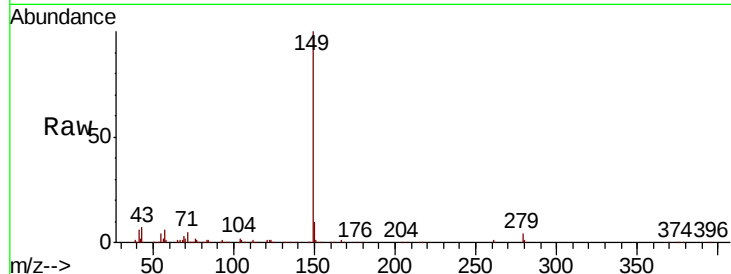




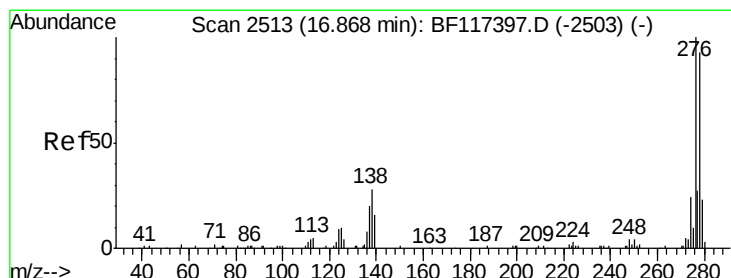
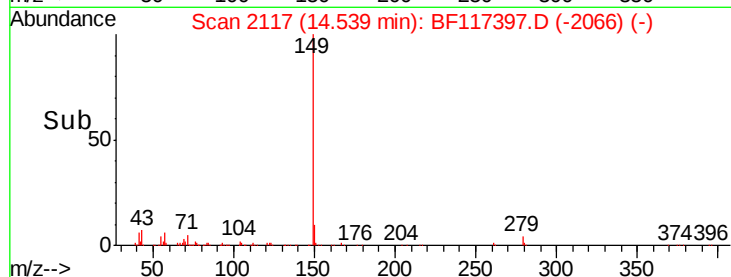
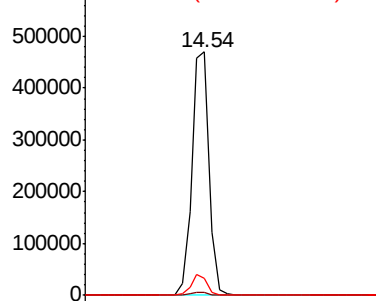
#85
Di-n-octyl phthalate
Concen: 47.658 ng
RT: 14.54 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	8.2	6.6	9.8

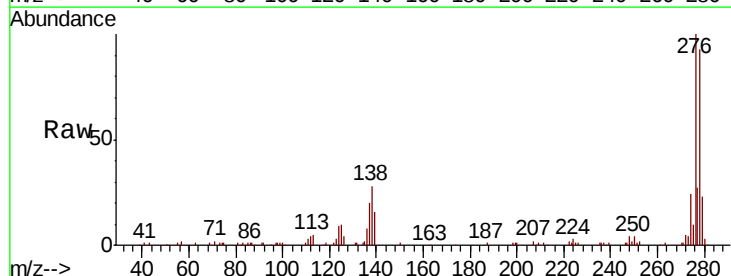


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

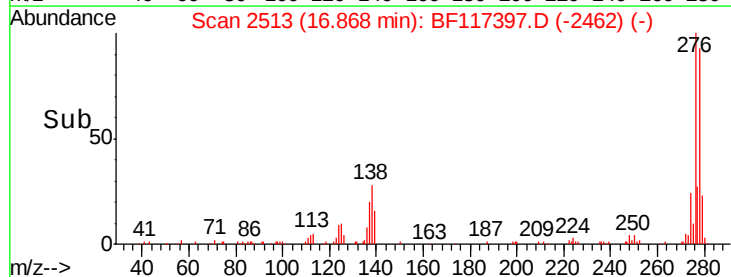
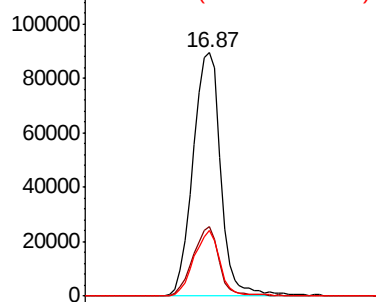


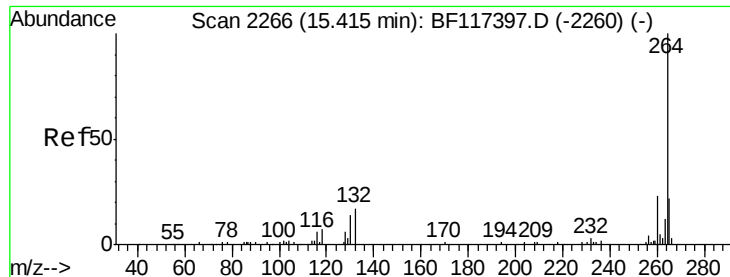
#86
Indeno(1,2,3-cd)pyrene
Concen: 37.109 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.5	32.3
277	25.1	20.1	30.1



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

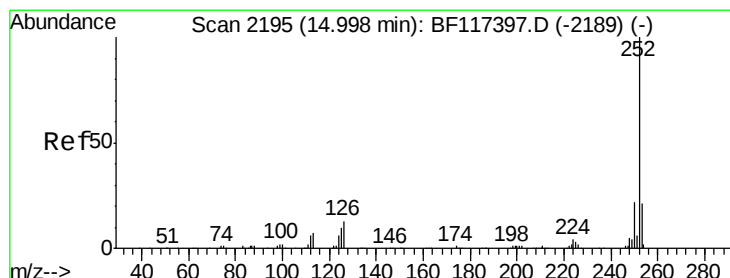
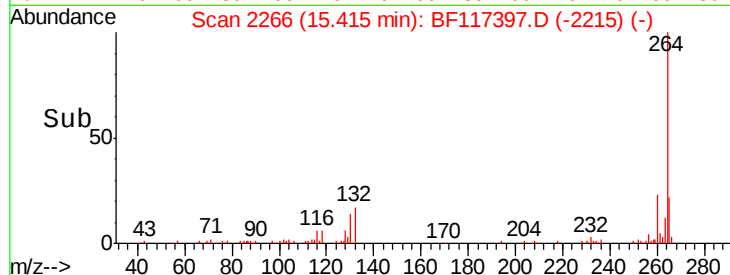
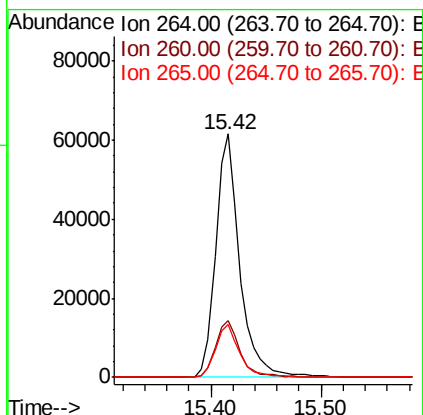
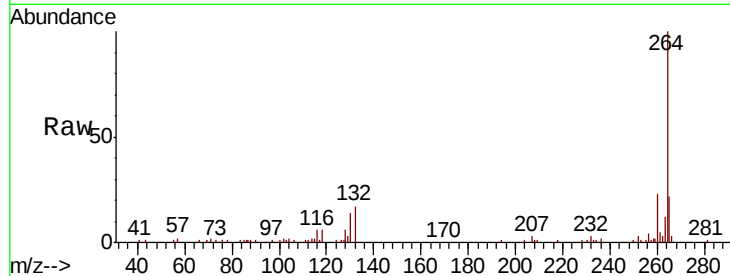




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

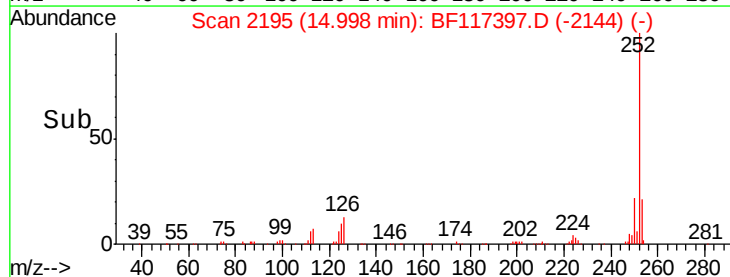
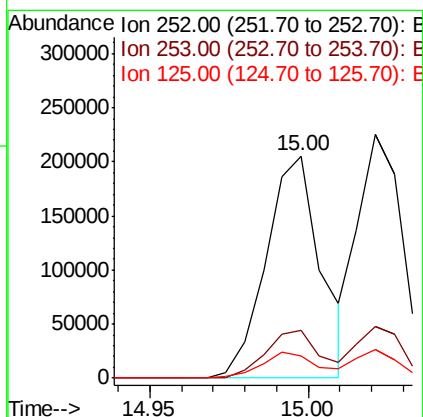
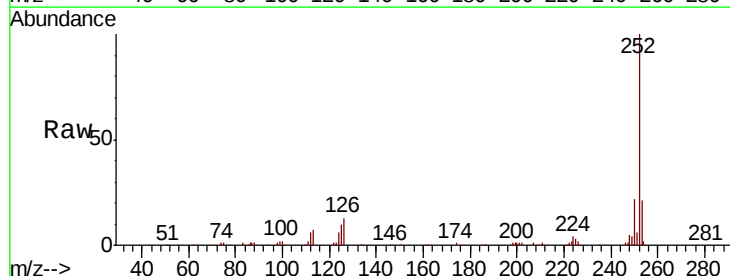
Instrument :
BNA_F
ClientSampleId :

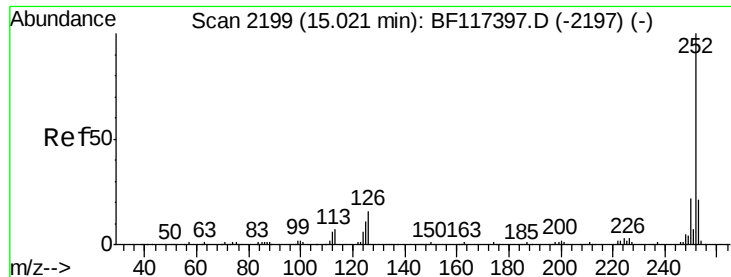
Tot Ion:264 Resp: 92472
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 21.7 17.4 26.0



#88
Benzo(b)fluoranthene
Concen: 44.040 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Tgt Ion:252 Resp: 246685
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 10.2 8.2 12.2

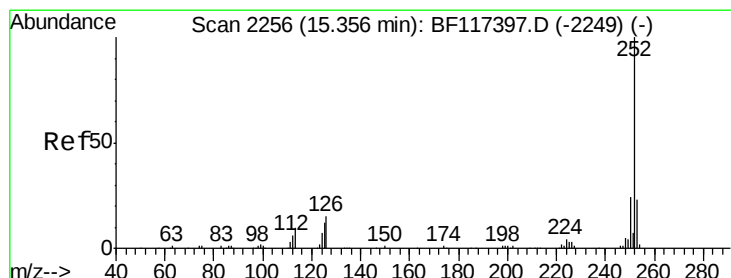
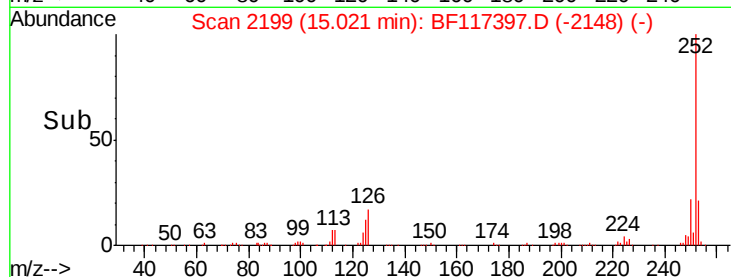
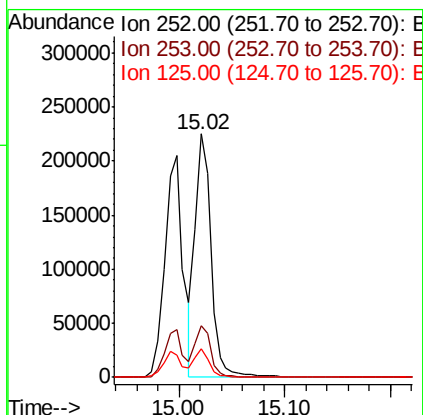
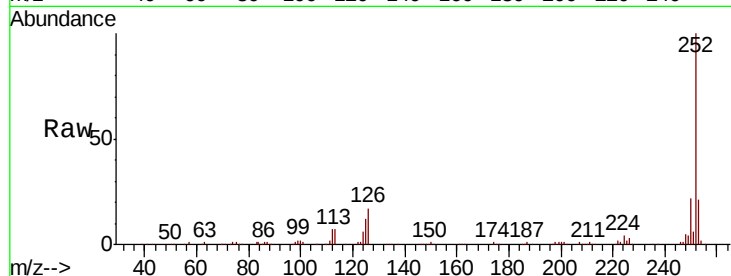




#89
Benzo(k)fluoranthene
Concen: 44.207 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

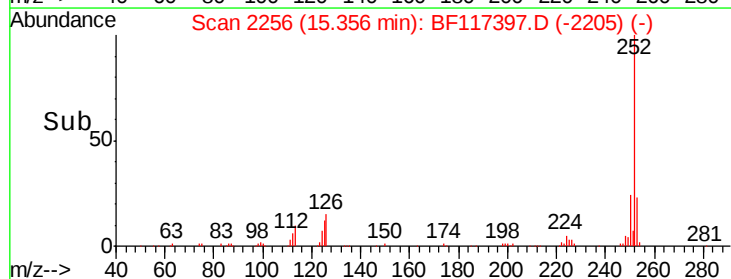
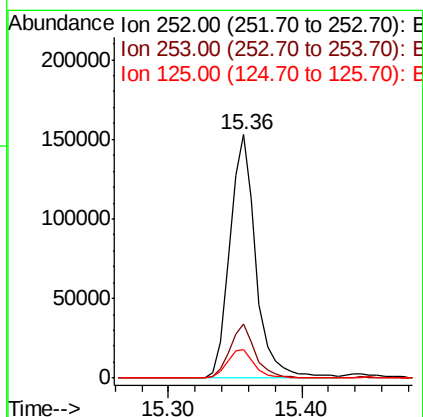
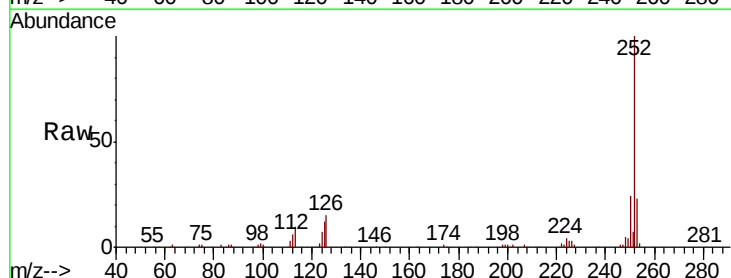
Instrument :
BNA_F
ClientSampleId :

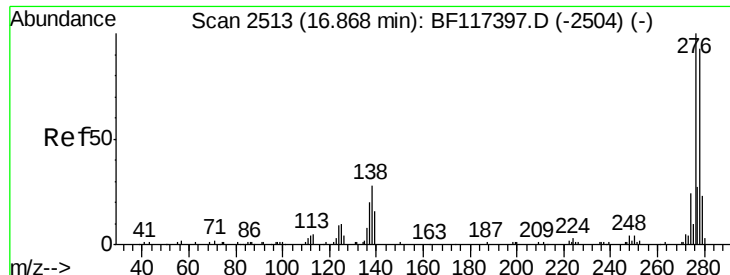
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	11.8	9.4	14.2



#90
Benzo(a)pyrene
Concen: 42.497 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.7	9.4	14.0

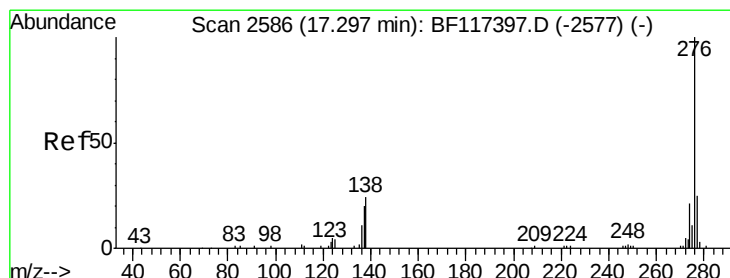
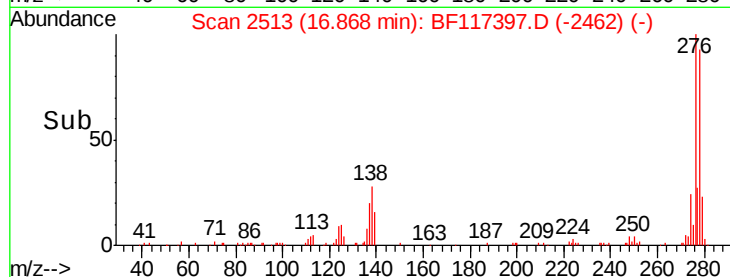
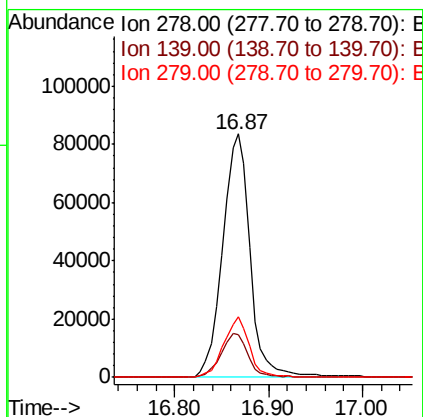
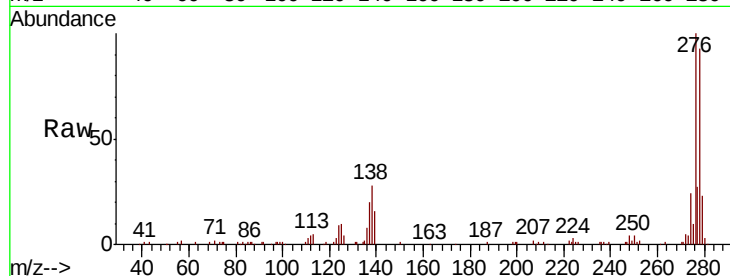




#91
Dibenzo(a,h)anthracene
Concen: 43.329 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.1	21.1
279	24.7	19.8	29.6



#92
Benzo(g,h,i)perylene
Concen: 41.162 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.00 min
Lab File: BF117397.D
Acq: 14 Oct 2019 13:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.9	29.9
138	24.1	19.3	28.9

