

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
 Data File : BF117402.D
 Acq On : 14 Oct 2019 16:35
 Operator : JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101419

Quant Time: Oct 14 19:10:41 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 19:03:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	48513	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	207161	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	107640	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	169676	20.00	ng	0.00
76) Chrysene-d12	13.97	240	125718	20.00	ng	0.00
87) Perylene-d12	15.44	264	113756	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	260389	82.58	ng	0.00
7) Phenol-d6	6.44	99	341019	81.52	ng	0.00
23) Nitrobenzene-d5	7.36	82	334793	81.92	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	71140	81.21	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	594061	80.46	ng	0.00
79) Terphenyl-d14	12.90	244	590617	76.58	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	53929	41.548	ng	98
3) Pyridine	3.25	79	137625	41.663	ng	97
4) n-Nitrosodimethylamine	3.20	42	48390	41.570	ng	94
6) Aniline	6.46	93	213288	40.813	ng	94
8) 2-Chlorophenol	6.58	128	142500	40.651	ng	94
9) Benzaldehyde	6.35	77	89597	44.911	ng	98
10) Phenol	6.45	94	186027	41.189	ng	99
11) bis(2-Chloroethyl)ether	6.53	93	133838	38.977	ng	99
12) 1,3-Dichlorobenzene	6.73	146	158987	40.556	ng	98
13) 1,4-Dichlorobenzene	6.81	146	162990	40.787	ng	97
14) 1,2-Dichlorobenzene	6.96	146	152631	40.438	ng	99
15) Benzyl Alcohol	6.95	79	129026	40.313	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	144693	40.130	ng	99
17) 2-Methylphenol	7.06	107	115308	39.402	ng	96
18) Hexachloroethane	7.30	117	62353	40.133	ng	98
19) n-Nitroso-di-n-propylamine	7.21	70	108706	40.754	ng	97
20) 3+4-Methylphenols	7.22	107	153965	40.861	ng	96
22) Acetophenone	7.20	105	222237	40.882	ng	# 96
24) Nitrobenzene	7.38	77	161211	39.379	ng	98
25) Isophorone	7.62	82	293049	40.254	ng	99
26) 2-Nitrophenol	7.70	139	74793	41.178	ng	98
27) 2,4-Dimethylphenol	7.73	122	110004	39.849	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	183330	40.622	ng	99
29) 2,4-Dichlorophenol	7.95	162	115011	40.378	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	122973	40.049	ng	96
31) Naphthalene	8.10	128	425545	41.133	ng	99
32) Benzoic acid	7.89	122	72747	40.249	ng	91
33) 4-Chloroaniline	8.15	127	182663	41.574	ng	99
34) Hexachlorobutadiene	8.21	225	70078	39.848	ng	97
35) Caprolactam	8.53	113	37566	42.115	ng	88
36) 4-Chloro-3-methylphenol	8.64	107	131821	40.672	ng	99
37) 2-Methylnaphthalene	8.79	142	287092	41.095	ng	97
38) 1-Methylnaphthalene	8.89	142	267273	40.606	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	115846	39.989	ng	99

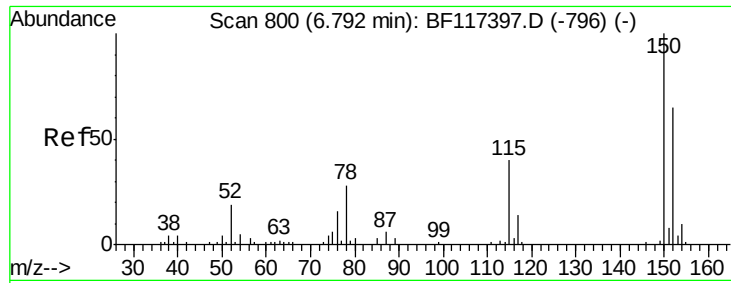
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
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Quant Time: Oct 14 19:10:41 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	18620	34.420	ng	91
43) 2,4,6-Trichlorophenol	9.07	196	75383	41.118	ng	94
44) 2,4,5-Trichlorophenol	9.13	196	74671	39.930	ng	99
46) 1,1'-Biphenyl	9.25	154	350728	39.885	ng	97
47) 2-Chloronaphthalene	9.28	162	272187	39.707	ng	99
48) 2-Nitroaniline	9.38	65	87261	39.897	ng	96
49) Acenaphthylene	9.69	152	405508	40.352	ng	99
50) Dimethylphthalate	9.55	163	306805	39.688	ng	99
51) 2,6-Dinitrotoluene	9.62	165	65089	40.058	ng	98
52) Acenaphthene	9.86	154	244293	40.007	ng	100
53) 3-Nitroaniline	9.79	138	79524	40.078	ng	96
54) 2,4-Dinitrophenol	9.92	184	22874	35.653	ng	97
55) Dibenzofuran	10.03	168	357822	40.171	ng	98
56) 4-Nitrophenol	9.98	139	32074	38.711	ng	96
57) 2,4-Dinitrotoluene	10.03	165	87972	41.032	ng	96
58) Fluorene	10.38	166	299639	40.400	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	56756	39.259	ng	97
60) Diethylphthalate	10.25	149	316444	40.610	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	134980	41.106	ng	99
62) 4-Nitroaniline	10.41	138	79548	42.175	ng	97
63) Azobenzene	10.53	77	325657	40.730	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	34560	39.212	ng	97
66) n-Nitrosodiphenylamine	10.49	169	255160	40.255	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	74392	39.973	ng	96
68) Hexachlorobenzene	10.93	284	80504	40.279	ng	99
69) Atrazine	11.02	200	48290	46.983	ng	97
70) Pentachlorophenol	11.14	266	23969	40.086	ng	88
71) Phenanthrene	11.35	178	412890	41.164	ng	99
72) Anthracene	11.39	178	432795	41.798	ng	99
73) Carbazole	11.55	167	391673	41.643	ng	99
74) Di-n-butylphthalate	11.87	149	526211	41.316	ng	99
75) Fluoranthene	12.53	202	418811	41.992	ng	98
77) Benzidine	12.65	184	145284	46.726	ng	97
78) Pyrene	12.76	202	427041	38.428	ng	99
80) Butylbenzylphthalate	13.37	149	220169	39.400	ng	100
81) Benzo(a)anthracene	13.96	228	349491	40.516	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	108944	39.946	ng	100
83) Chrysene	14.00	228	347167	40.811	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	317574	40.307	ng	97
85) Di-n-octyl phthalate	14.56	149	509050	42.438	ng	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	239949	40.341	ng	99
88) Benzo(b)fluoranthene	15.02	252	298221	42.111	ng	96
89) Benzo(k)fluoranthene	15.04	252	263072	37.379	ng	99
90) Benzo(a)pyrene	15.38	252	252142	40.207	ng	99
91) Dibenzo(a,h)anthracene	16.90	278	200036	37.225	ng	97
92) Benzo(g,h,i)perylene	17.33	276	183976	35.968	ng	99

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

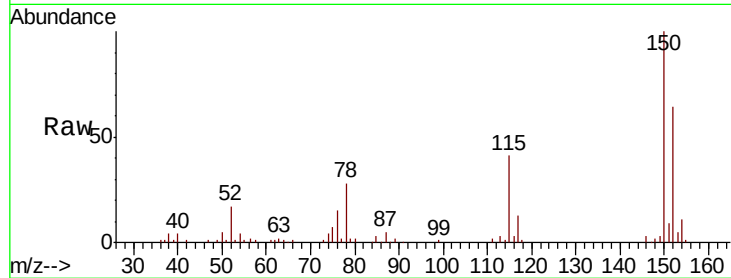


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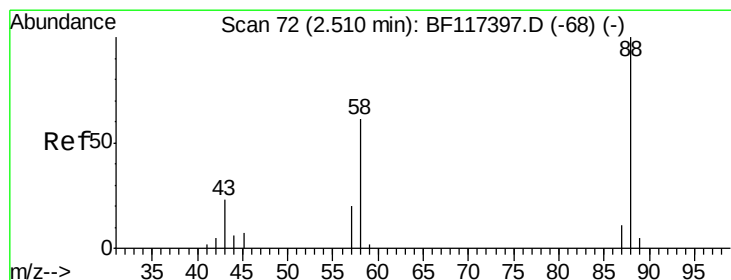
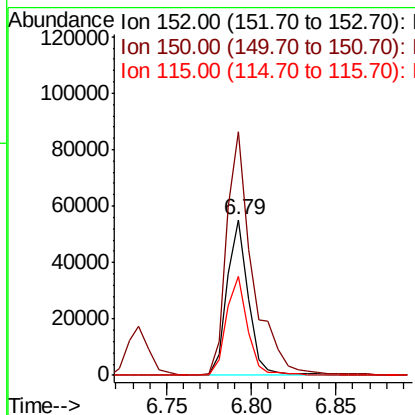
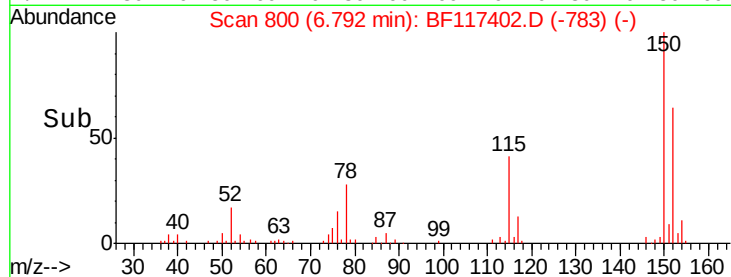
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101419

Tot Ion:152 Resp: 48513
Ion Ratio Lower Upper
152 100
150 156.3 122.7 184.1
115 63.6 48.6 73.0



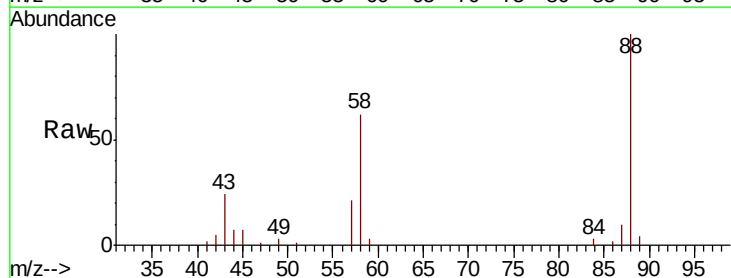
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



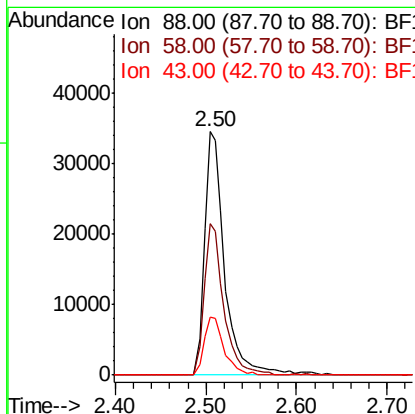
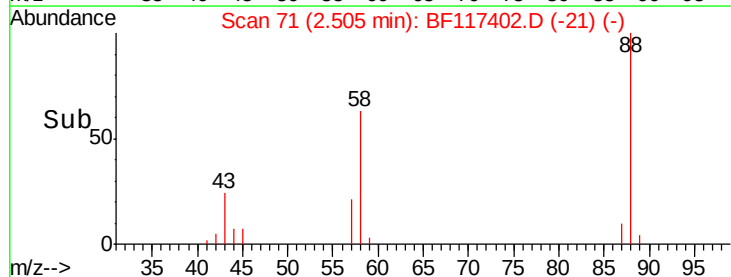
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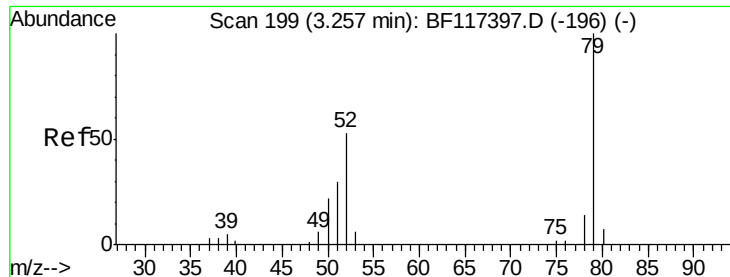
1,4-Dioxane
Concen: 41.548 ng
RT: 2.50 min Scan# 71
Delta R.T. -0.01 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

Tgt Ion: 88 Resp: 53929
Ion Ratio Lower Upper
88 100
58 59.7 49.4 74.2
43 23.4 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: 41.663 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.01 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101419

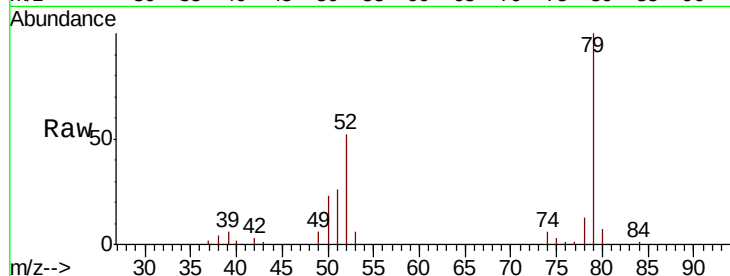
Tot Ion: 79 Resp: 137625

Ion Ratio Lower Upper

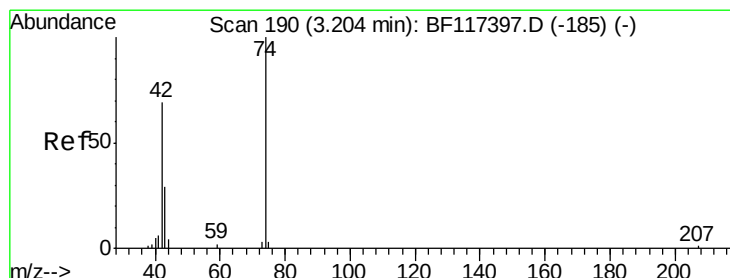
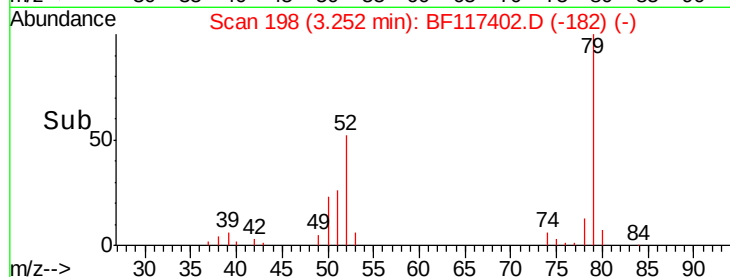
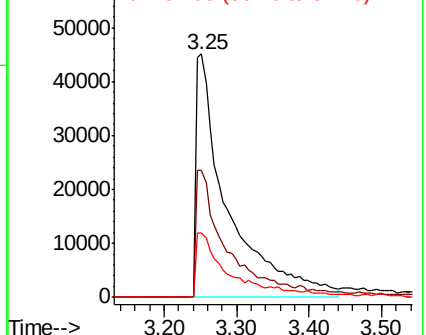
79 100

52 52.1 42.7 64.1

51 26.5 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: 41.570 ng

RT: 3.20 min Scan# 189

Delta R.T. -0.01 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

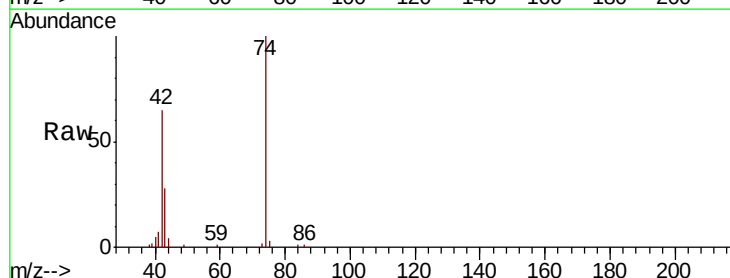
Tgt Ion: 42 Resp: 48390

Ion Ratio Lower Upper

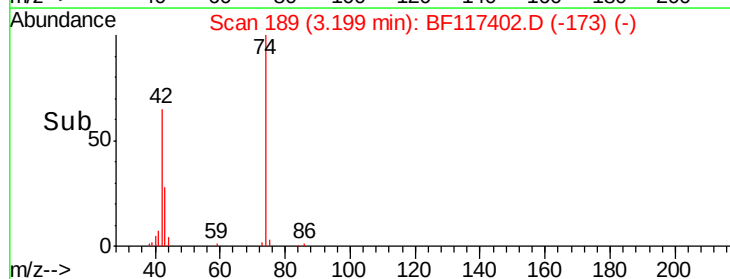
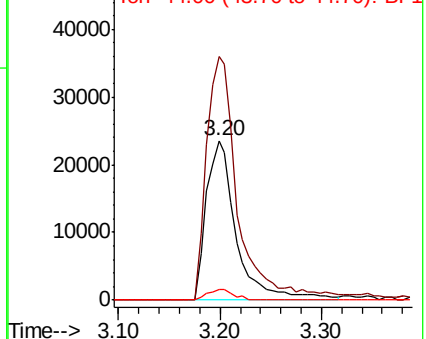
42 100

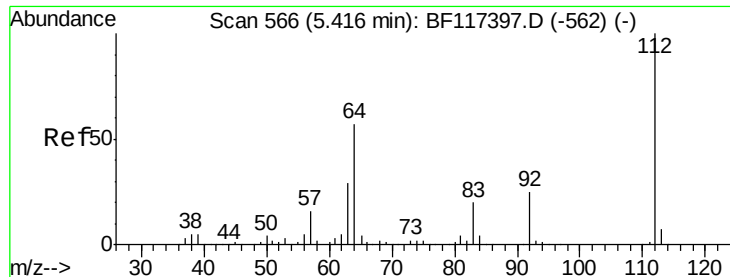
74 153.0 116.2 174.4

44 6.3 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: 82.584 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101419

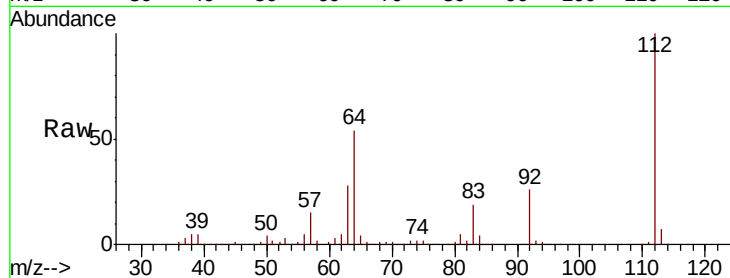
Tot Ion: 112 Resp: 260389

Ion Ratio Lower Upper

112 100

64 54.0 45.2 67.8

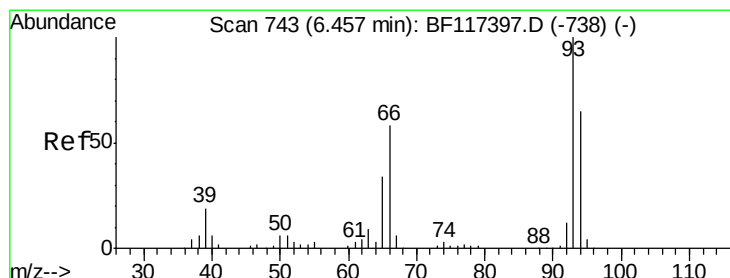
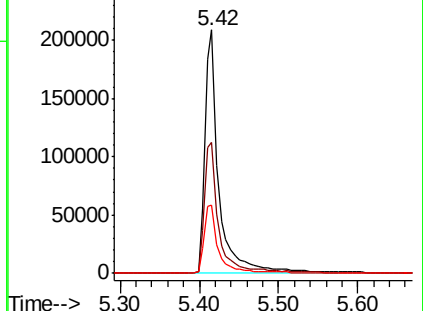
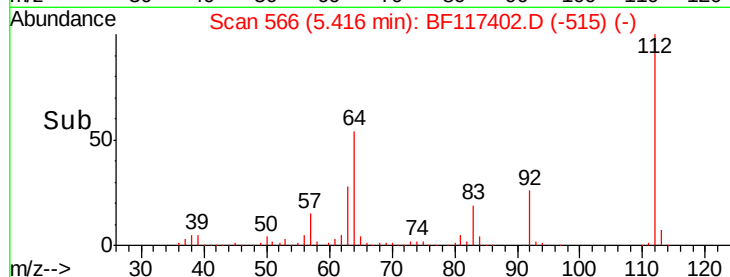
63 28.2 23.4 35.2



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: 40.813 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

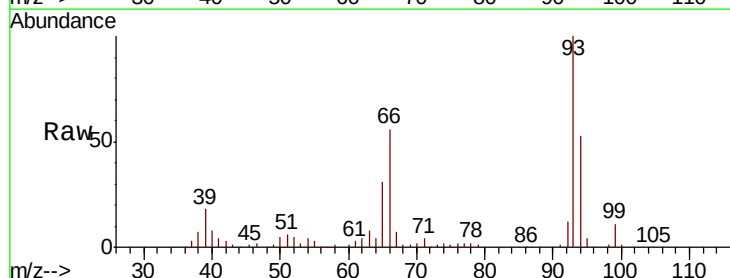
Tgt Ion: 93 Resp: 213288

Ion Ratio Lower Upper

93 100

66 55.6 48.4 72.6

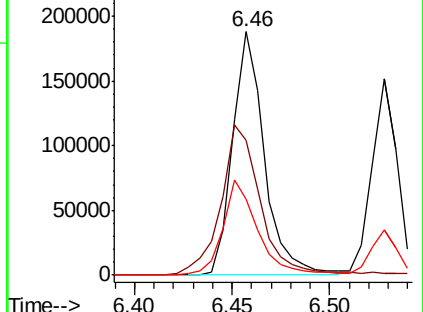
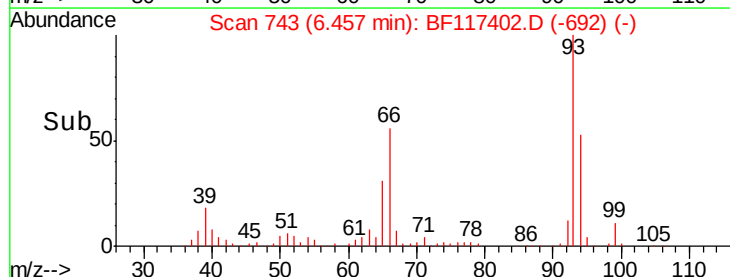
65 30.9 27.8 41.6

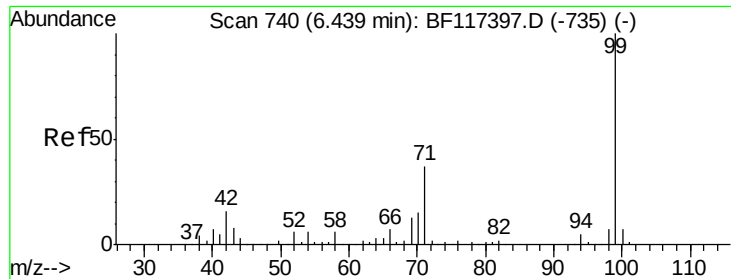


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.517 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101419

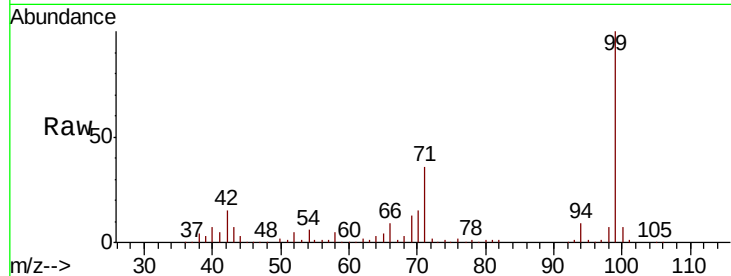
Tot Ion: 99 Resp: 341019

Ion Ratio Lower Upper

99 100

42 15.3 12.5 18.7

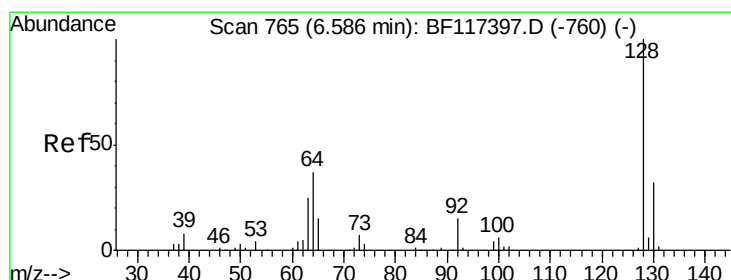
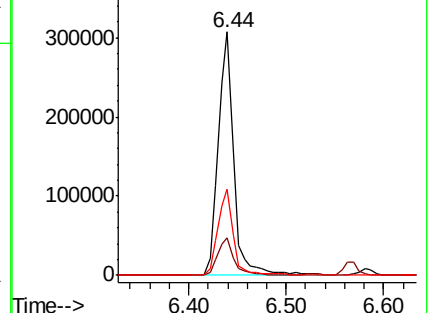
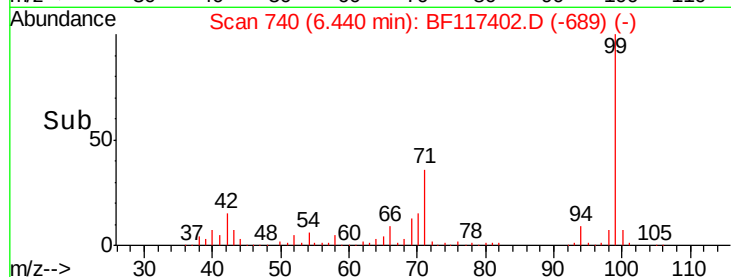
71 35.6 29.2 43.8



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: 40.651 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

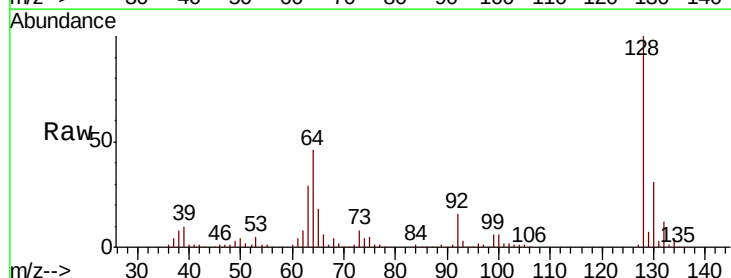
Tgt Ion: 128 Resp: 142500

Ion Ratio Lower Upper

128 100

130 31.0 11.7 51.7

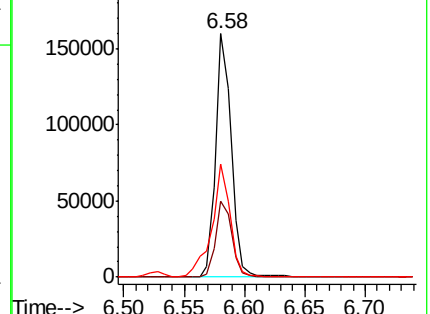
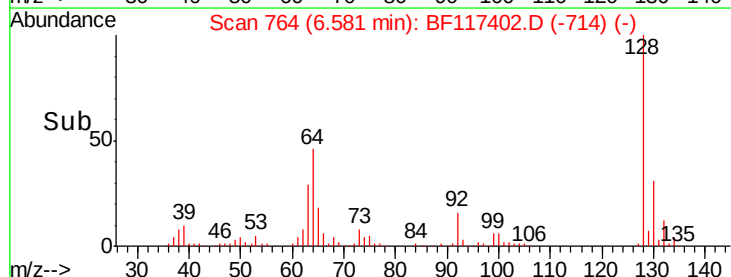
64 46.4 20.4 60.4

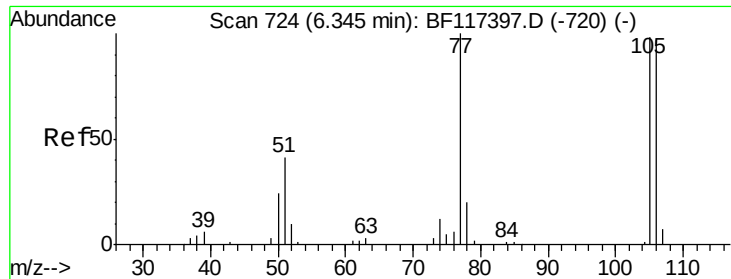


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

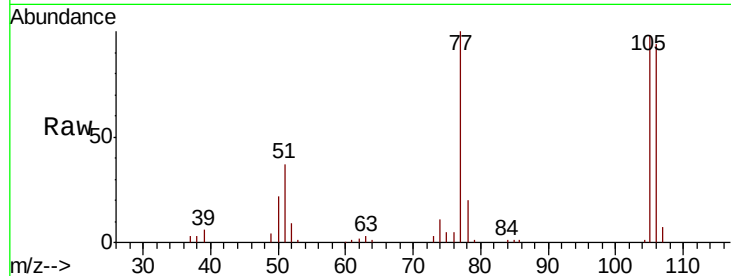




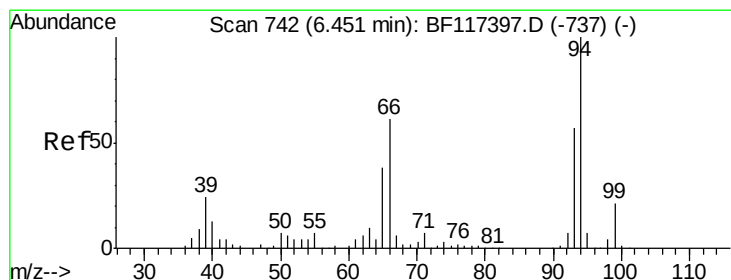
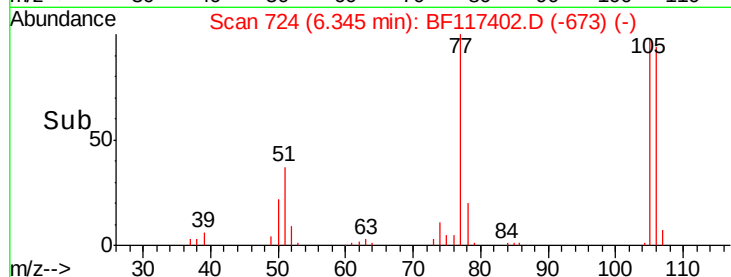
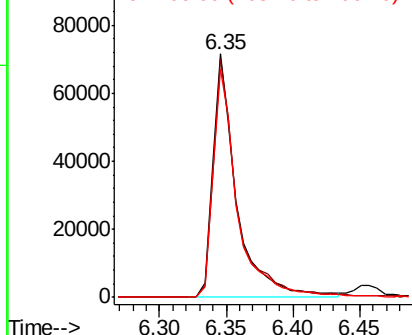
#9
Benzaldehyde
Concen: 44.911 ng
RT: 6.35 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101419

Tot Ion: 77 Resp: 89597
Ion Ratio Lower Upper
77 100
105 98.0 77.9 117.9
106 93.8 77.2 117.2

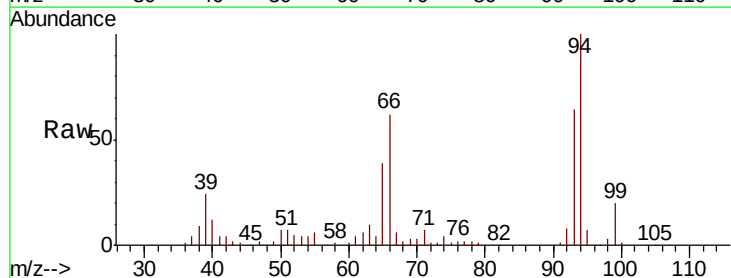


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

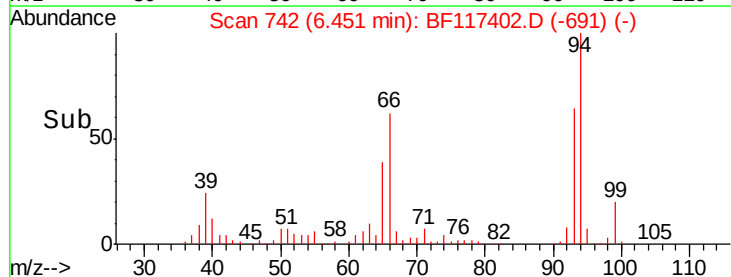
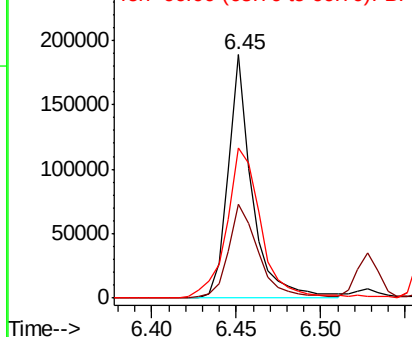


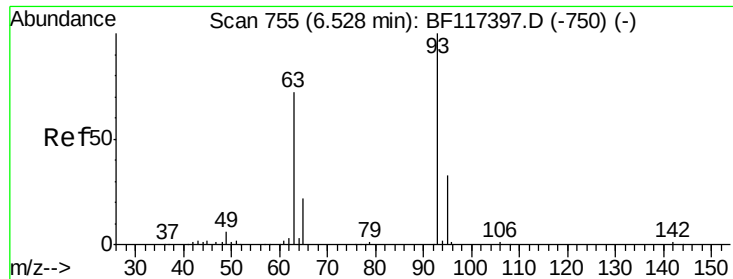
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Phenol
Concen: 41.189 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

Tgt Ion: 94 Resp: 186027
Ion Ratio Lower Upper
94 100
65 38.7 18.2 58.2
66 61.7 41.1 81.1



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

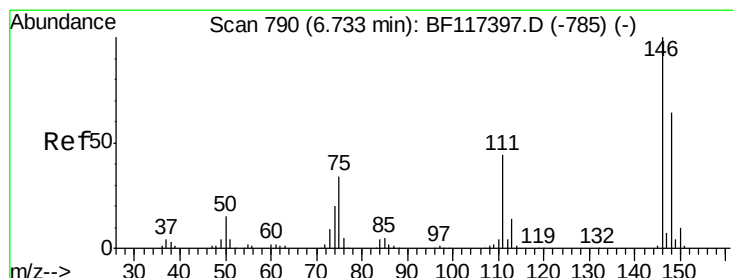
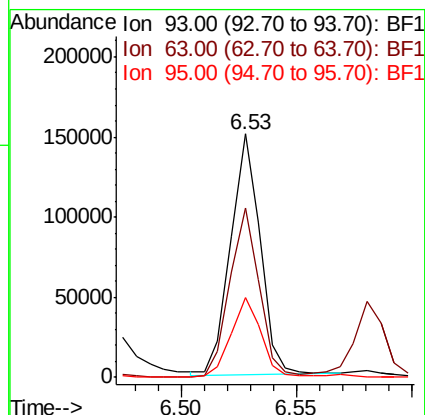
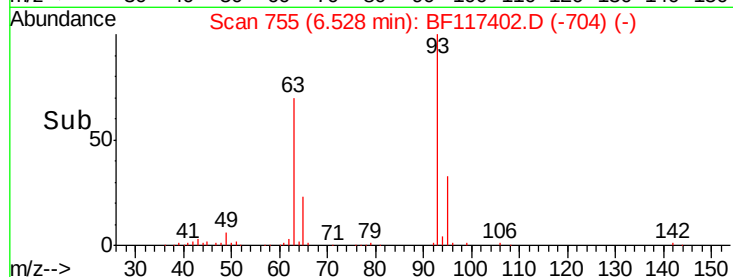
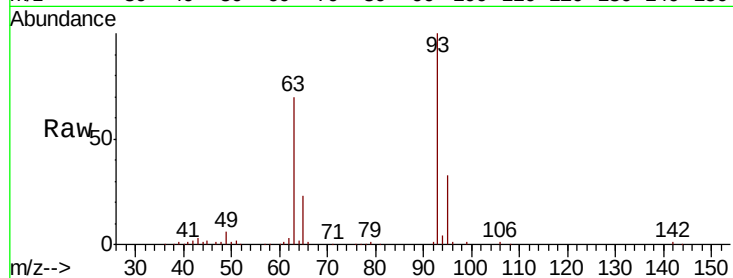




#11
bis(2-Chloroethyl)ether
Concen: 38.977 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

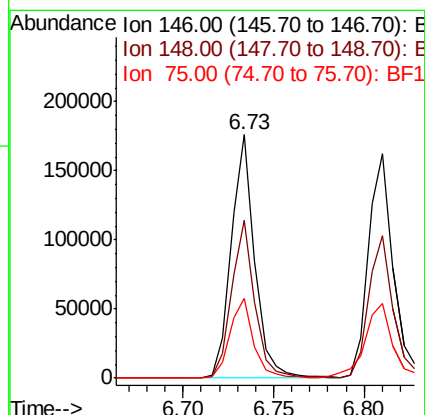
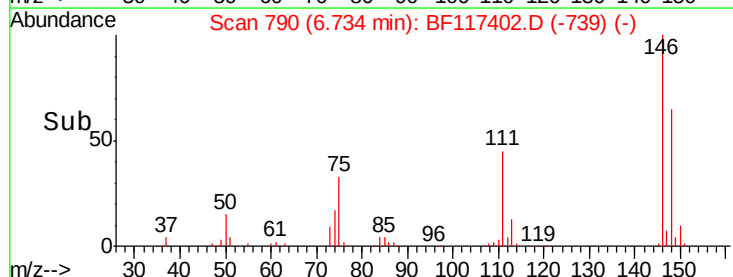
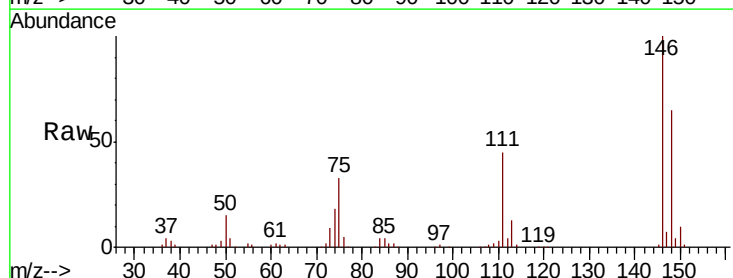
Instrument :
BNA_F
ClientSampleId :
ICVBF101419

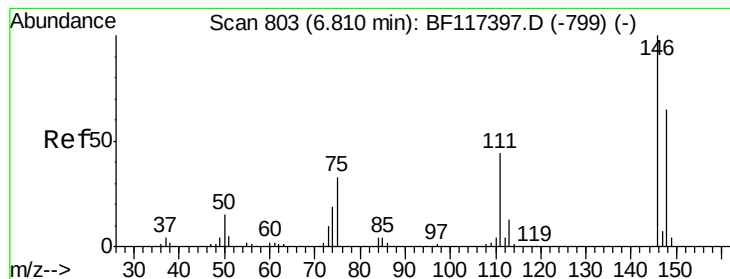
Tot Ion:	93	Resp:	133838
Ion	Ratio	Lower	Upper
93	100		
63	69.6	50.9	90.9
95	32.7	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 40.556 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

Tgt Ion:	146	Resp:	158987
Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.0	76.6
75	32.9	27.4	41.2





#13

1,4-Dichlorobenzene

Concen: 40.787 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101419

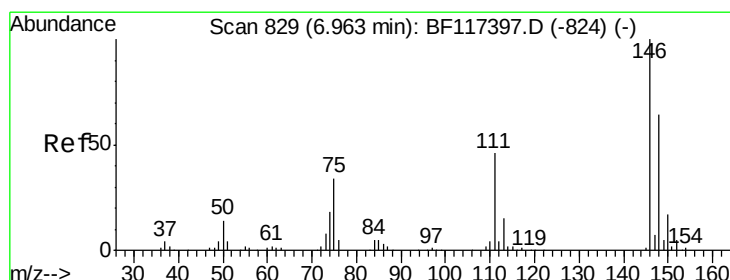
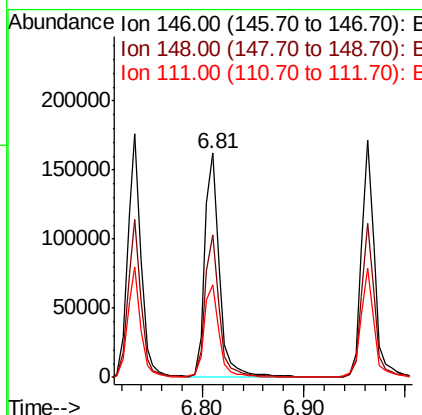
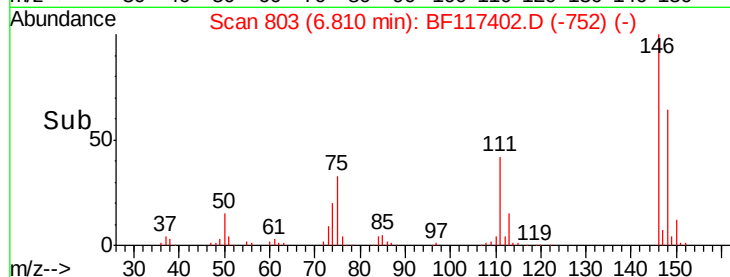
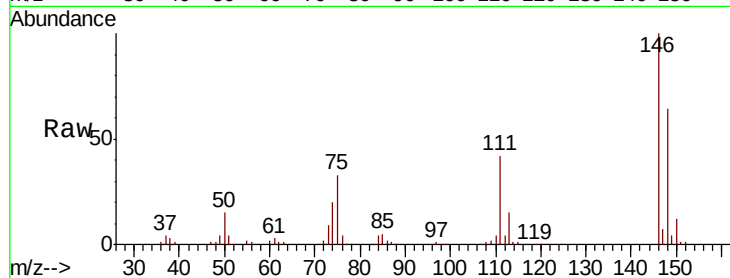
Tot Ion:146 Resp: 162990

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

111 41.6 35.7 53.5



#14

1,2-Dichlorobenzene

Concen: 40.438 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

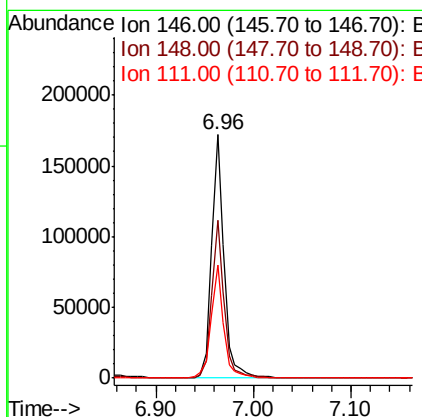
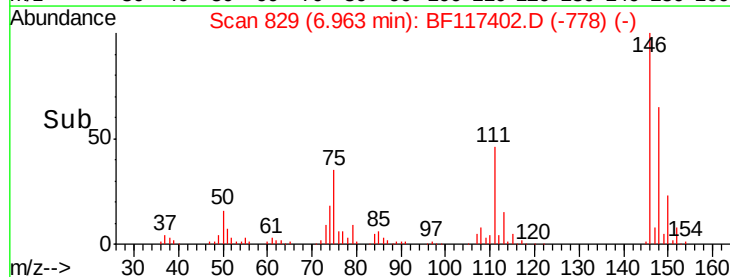
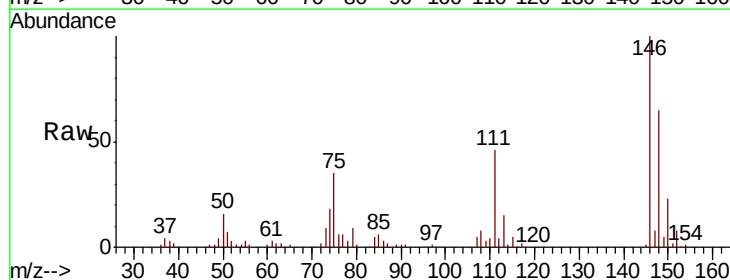
Tgt Ion:146 Resp: 152631

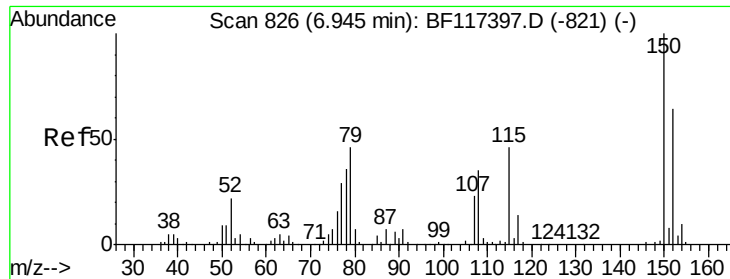
Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.6

111 46.2 36.5 54.7

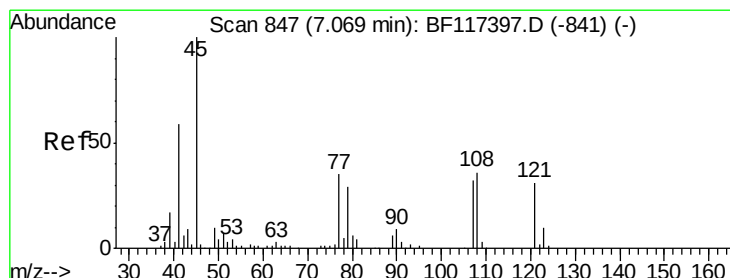
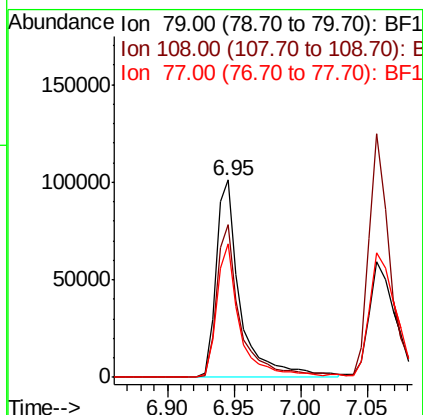
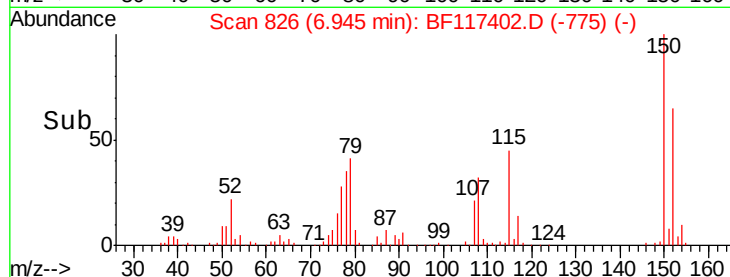
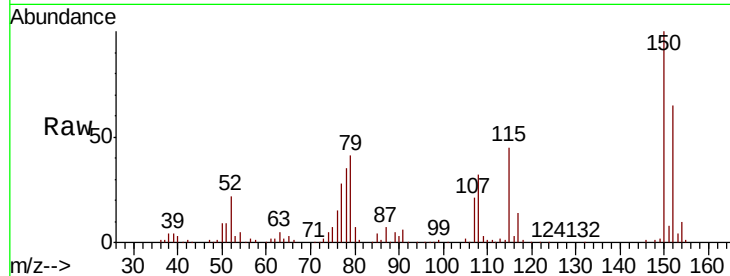




#15
Benzyl Alcohol
Concen: 40.313 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

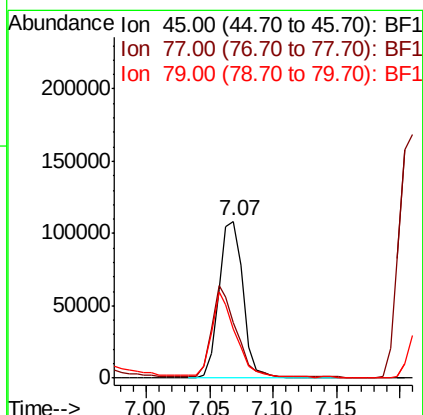
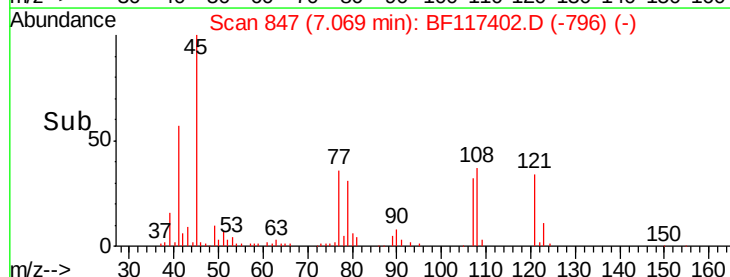
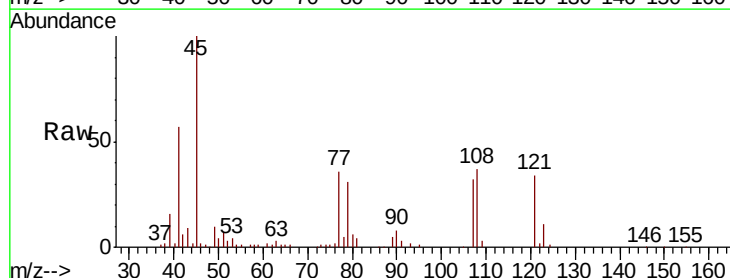
Instrument :
BNA_F
ClientSampleId :
ICVBF101419

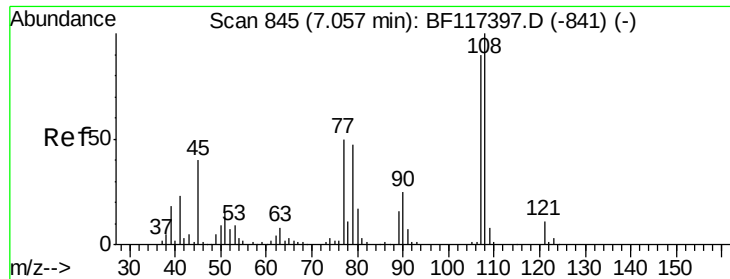
Tot Ion: 79 Resp: 129026
Ion Ratio Lower Upper
79 100
108 77.4 60.4 90.6
77 68.0 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.130 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

Tgt Ion: 45 Resp: 144693
Ion Ratio Lower Upper
45 100
77 35.7 15.9 55.9
79 31.5 10.7 50.7

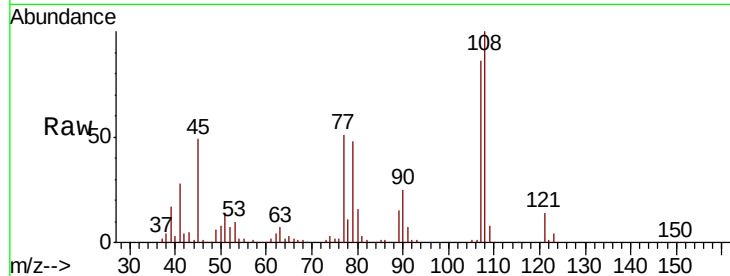




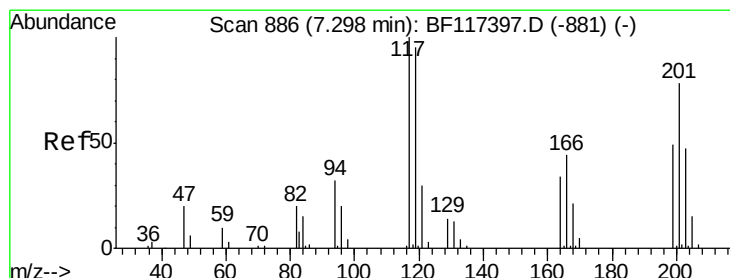
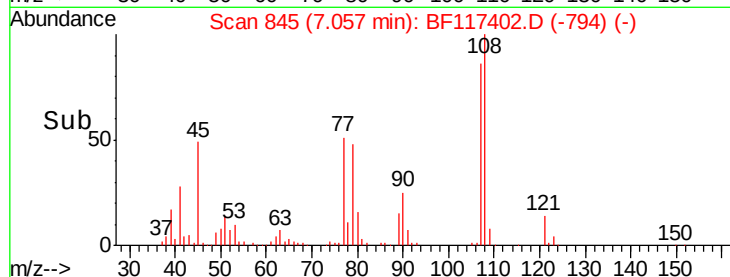
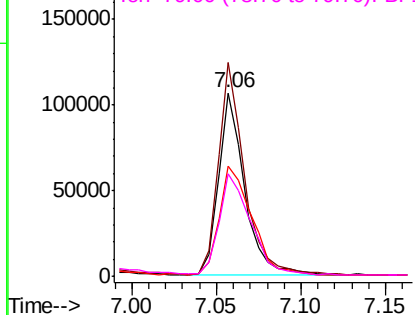
#17
2-Methylphenol
Concen: 39.402 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101419

Tot Ion:	107	Resp:	115308
Ion	Ratio	Lower	Upper
107	100		
108	116.5	89.4	134.2
77	59.8	45.1	67.7
79	55.6	42.3	63.5

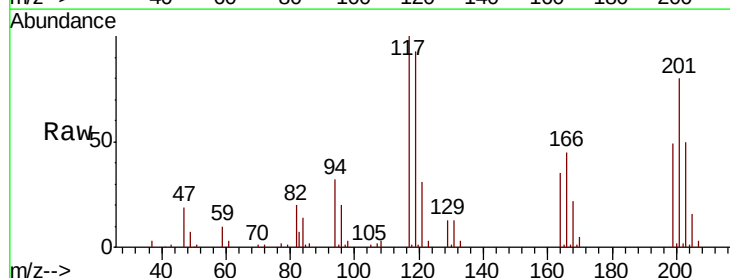


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

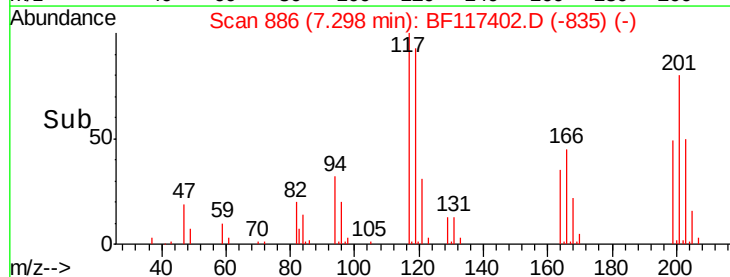
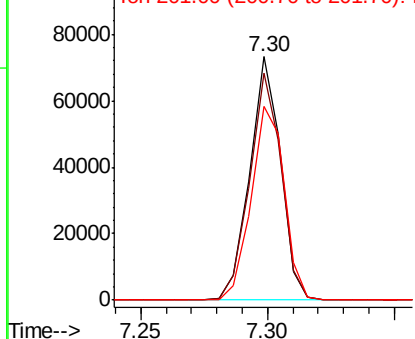


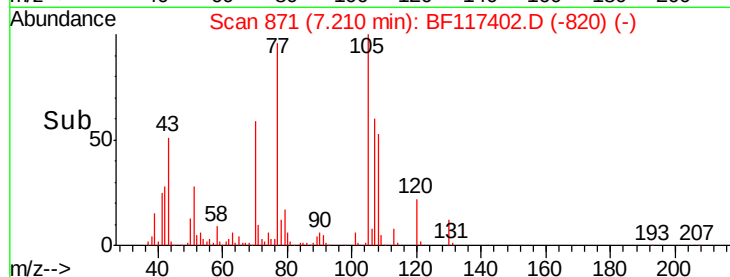
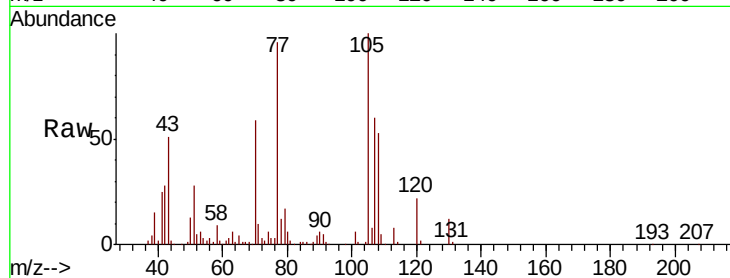
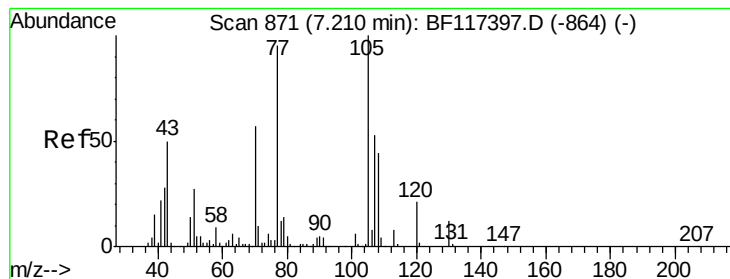
#18
Hexachloroethane
Concen: 40.133 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

Tgt Ion:	117	Resp:	62353
Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.7	113.5
201	79.7	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: 40.754 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101419

Tot Ion: 70 Resp: 108706

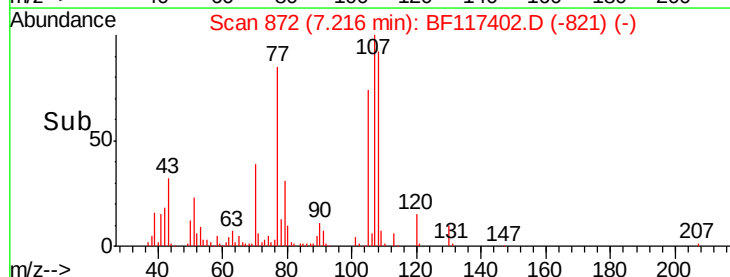
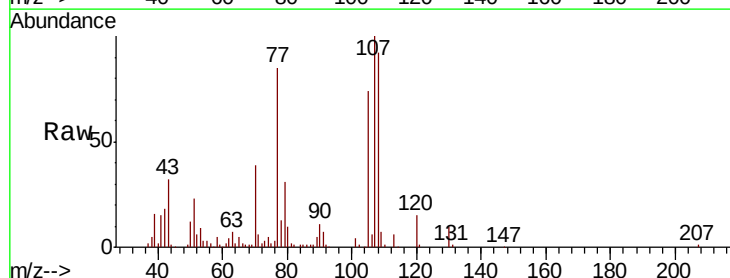
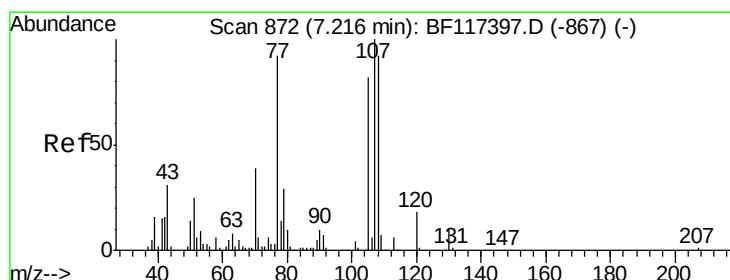
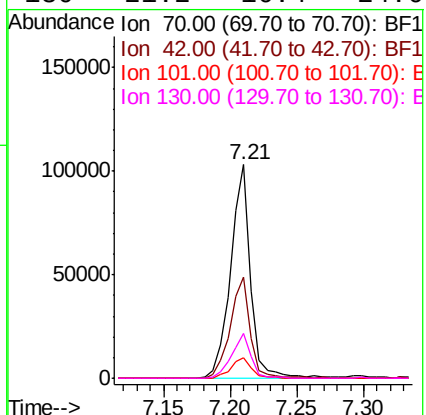
Ion Ratio Lower Upper

70 100

42 47.3 39.8 59.8

101 9.5 8.1 12.1

130 21.2 16.4 24.6



#20

3+4-Methylphenols

Concen: 40.861 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

Tgt Ion:107 Resp: 153965

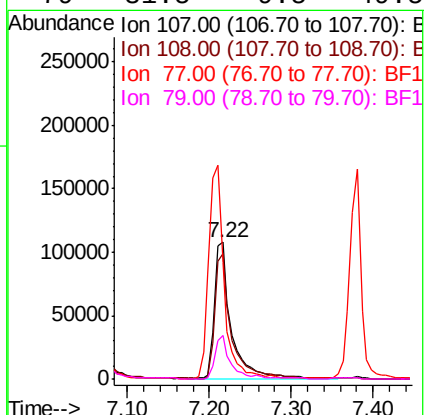
Ion Ratio Lower Upper

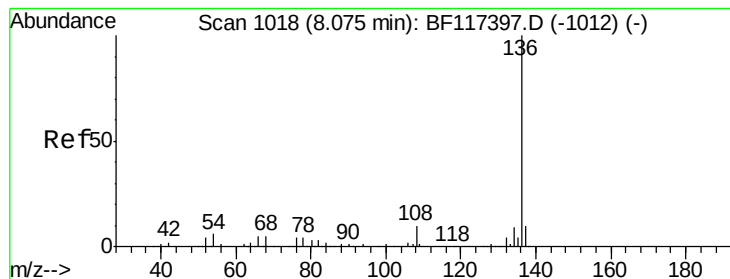
107 100

108 91.9 71.8 111.8

77 85.5 72.7 112.7

79 31.5 9.5 49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101419

Tot Ion:136 Resp: 207161

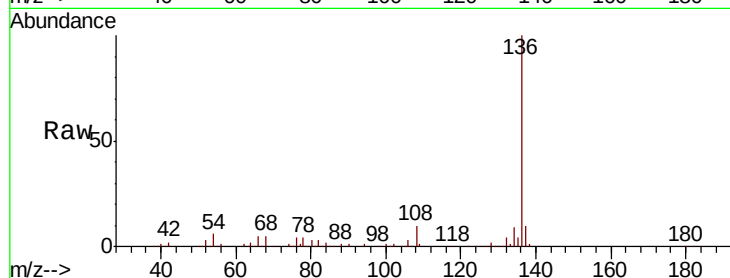
Ion Ratio Lower Upper

136 100

137 10.4 8.4 12.6

54 5.7 4.6 6.8

68 4.9 3.8 5.8

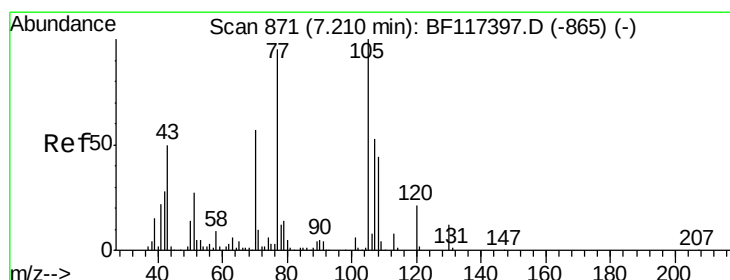
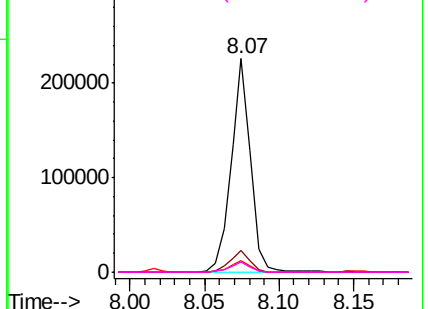


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.882 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

Tgt Ion:105 Resp: 222237

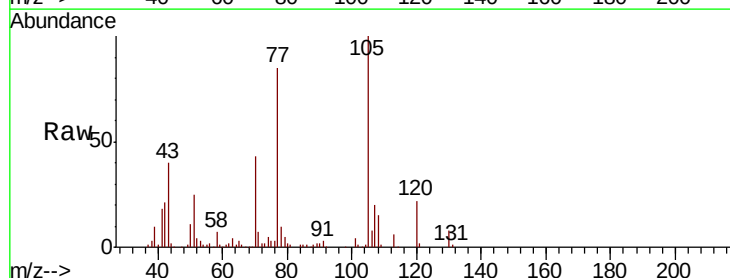
Ion Ratio Lower Upper

105 100

71 7.2 7.8 11.6#

51 24.9 21.5 32.3

120 21.7 16.7 25.1

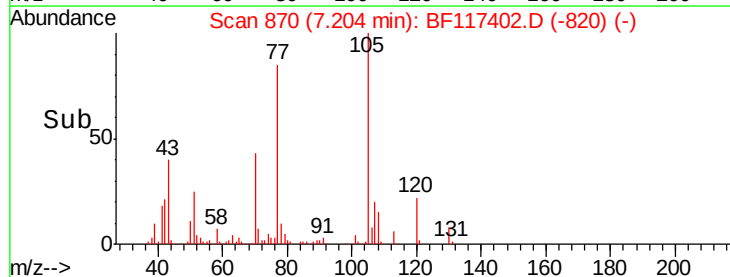
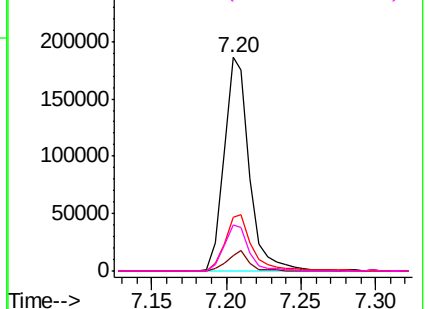


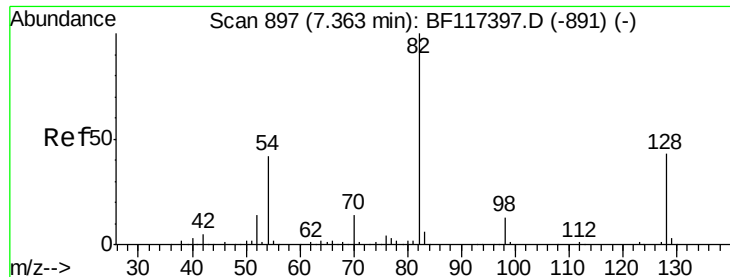
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

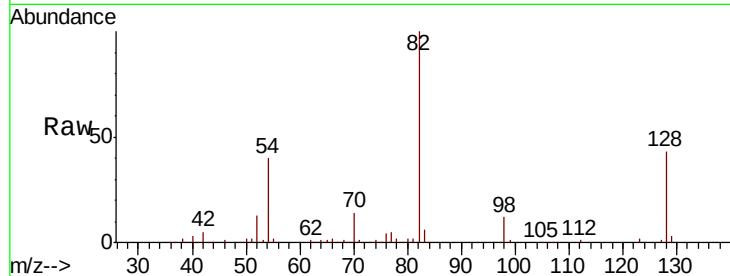




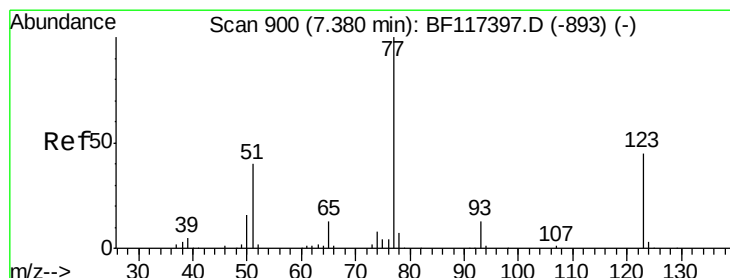
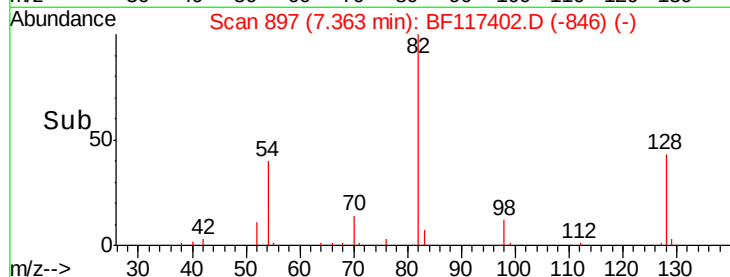
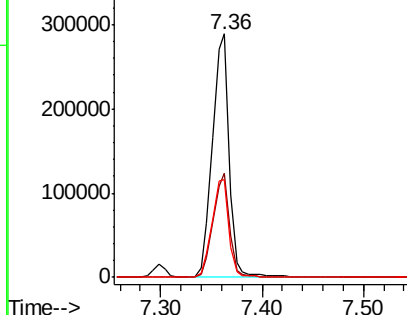
#23
 Nitrobenzene-d5
 Concen: 81.921 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF117402.D
 Acq: 14 Oct 2019 16:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101419

Tot Ion	82	Resp	334793
Ion Ratio	100	Lower	Upper
128	42.6	34.1	51.1
54	40.3	33.3	49.9

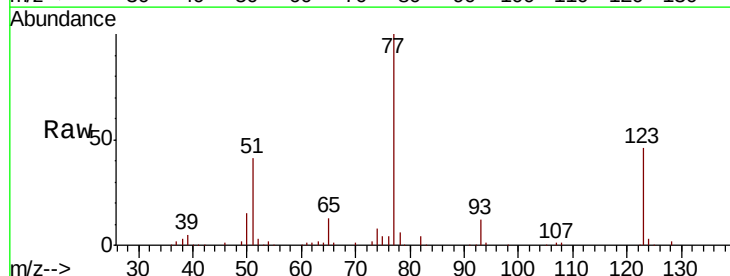


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

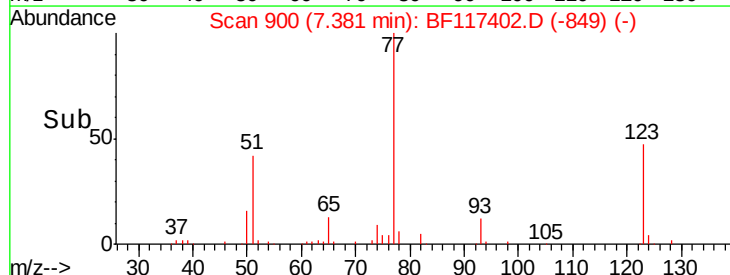
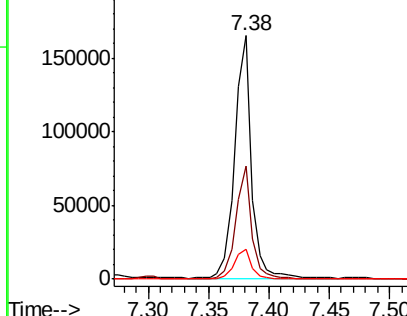


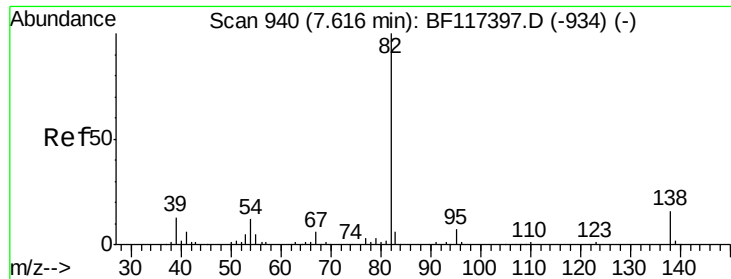
#24
 Nitrobenzene
 Concen: 39.379 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF117402.D
 Acq: 14 Oct 2019 16:35

Tgt Ion	77	Resp	161211
Ion Ratio	100	Lower	Upper
123	46.4	35.8	53.8
65	12.5	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: 40.254 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101419

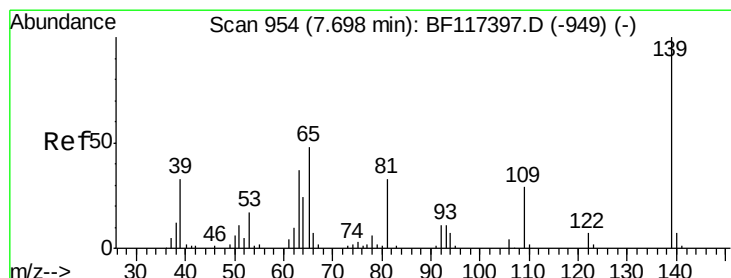
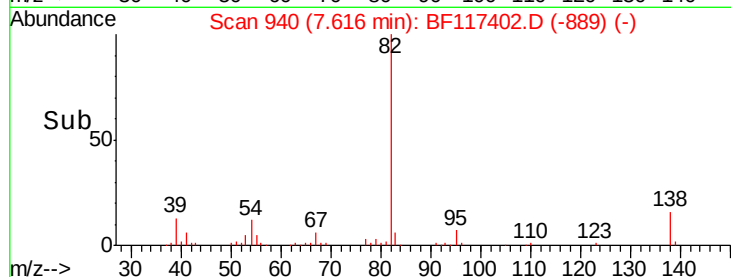
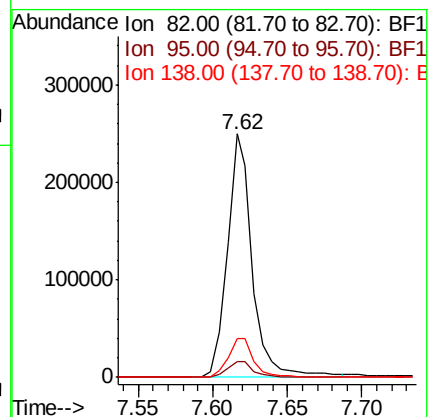
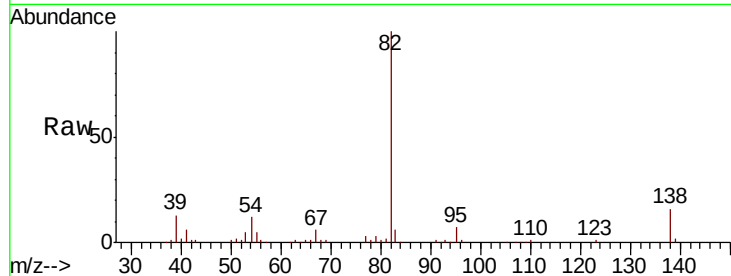
Tot Ion: 82 Resp: 293049

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 15.8 13.0 19.4



#26

2-Nitrophenol

Concen: 41.178 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

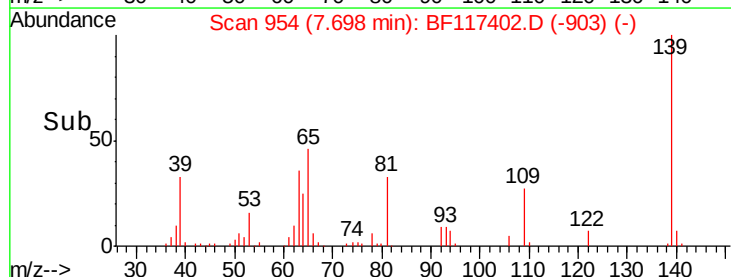
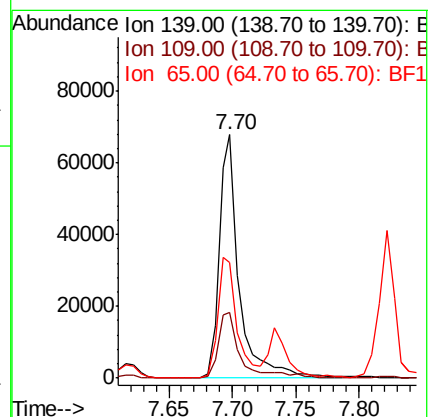
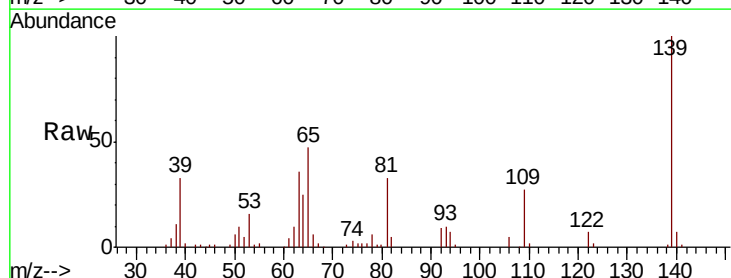
Tgt Ion: 139 Resp: 74793

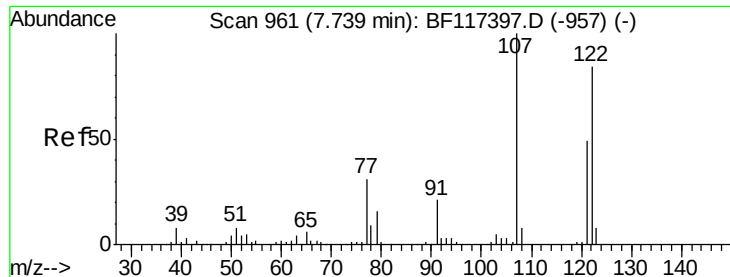
Ion Ratio Lower Upper

139 100

109 27.2 23.1 34.7

65 47.3 38.2 57.4

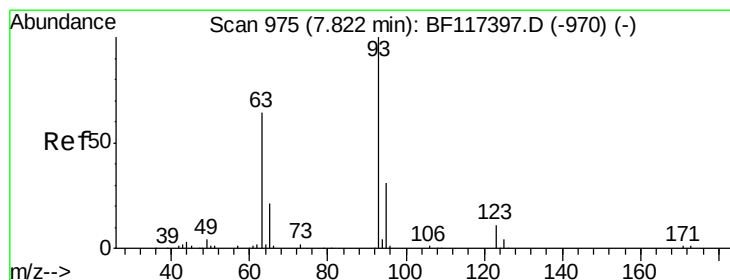
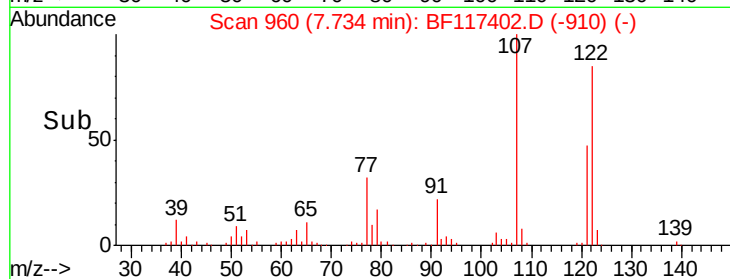
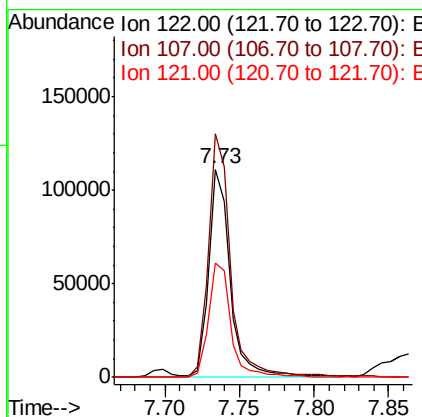
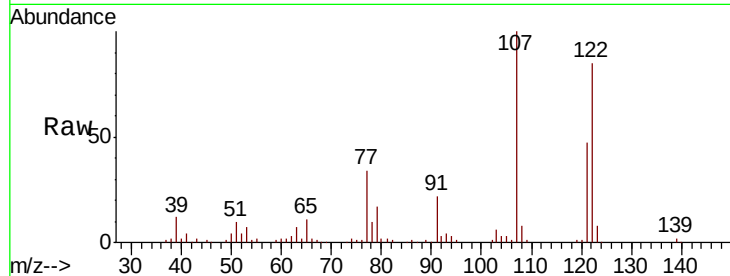




#27
2,4-Dimethylphenol
Concen: 39.849 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

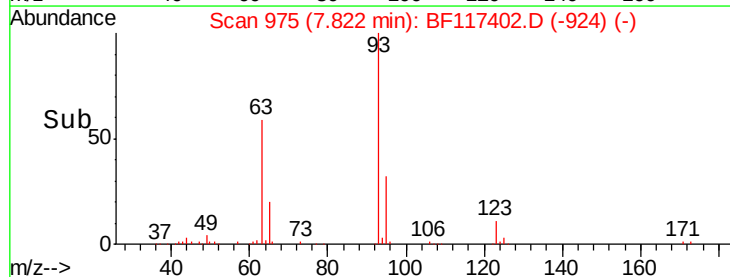
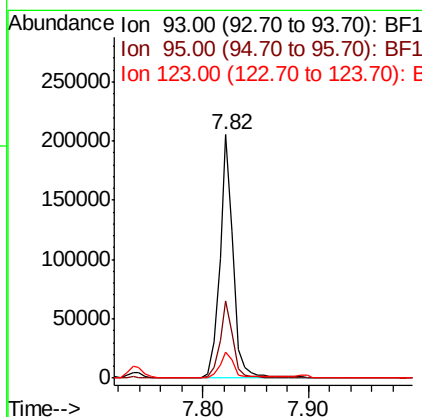
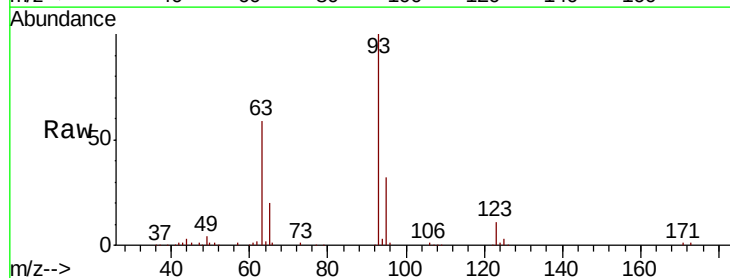
Instrument :
BNA_F
ClientSampleId :
ICVBF101419

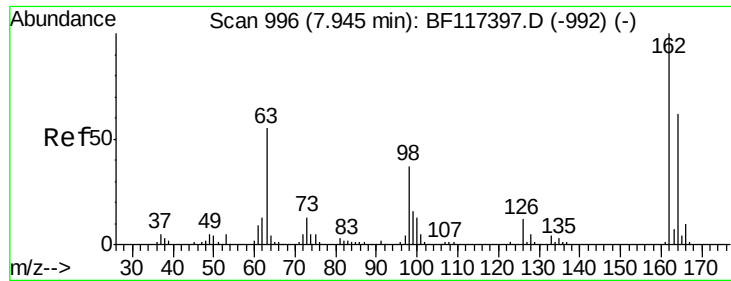
Tot Ion:122 Resp: 110004
Ion Ratio Lower Upper
122 100
107 117.0 95.0 142.6
121 55.2 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.622 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

Tgt Ion: 93 Resp: 183330
Ion Ratio Lower Upper
93 100
95 31.9 25.1 37.7
123 10.6 8.6 12.8

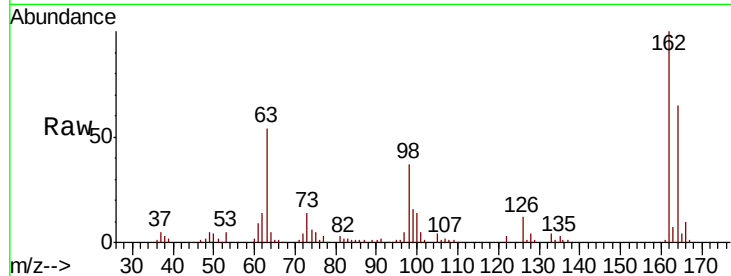




#29
 2,4-Dichlorophenol
 Concen: 40.378 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF117402.D
 Acq: 14 Oct 2019 16:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101419

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.2	82.2
98	37.3	17.4	57.4

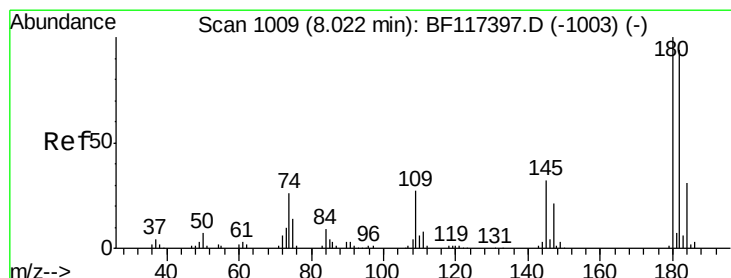
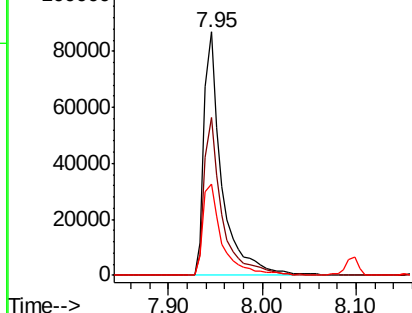
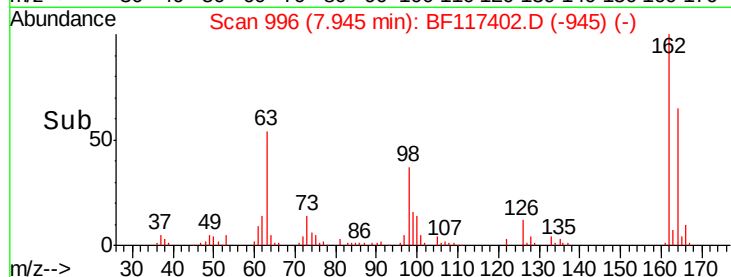


Abundance

Ion 162.00 (161.70 to 162.70): E

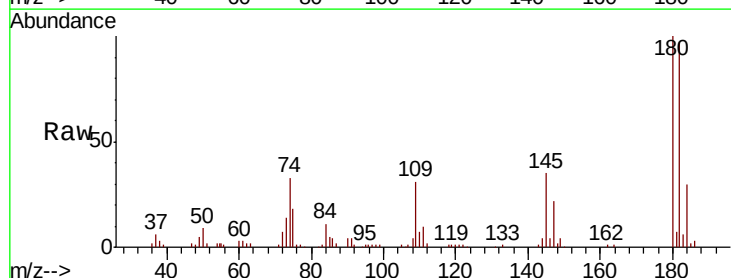
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.049 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF117402.D
 Acq: 14 Oct 2019 16:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.4	113.2
145	35.4	25.5	38.3

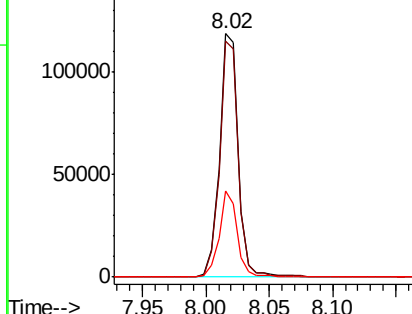
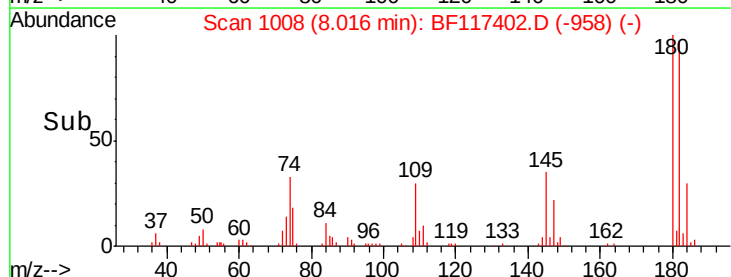


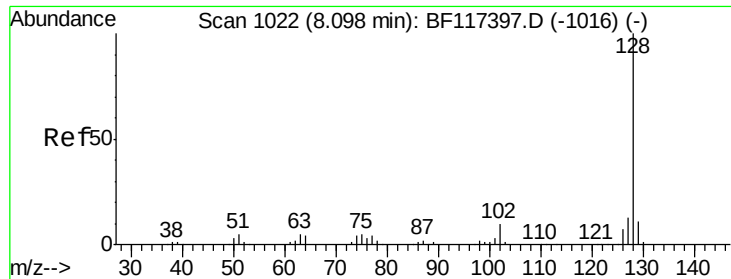
Abundance

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

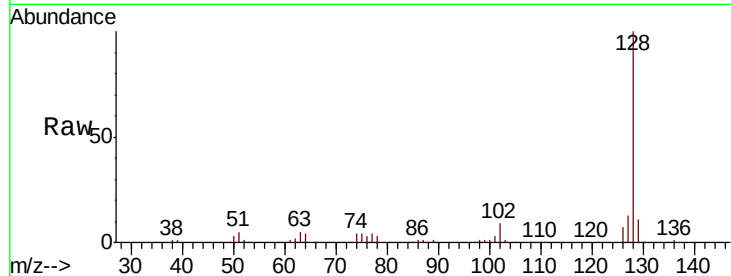




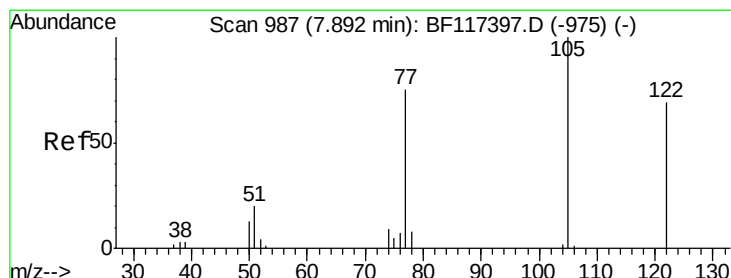
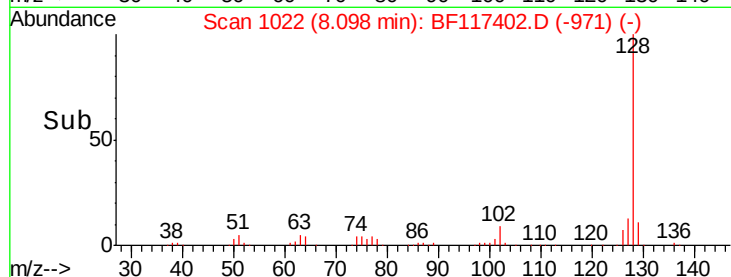
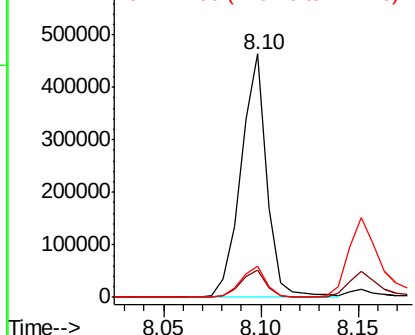
#31
Naphthalene
Concen: 41.133 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101419

Tot Ion:128 Resp: 425545
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 12.5 10.4 15.6

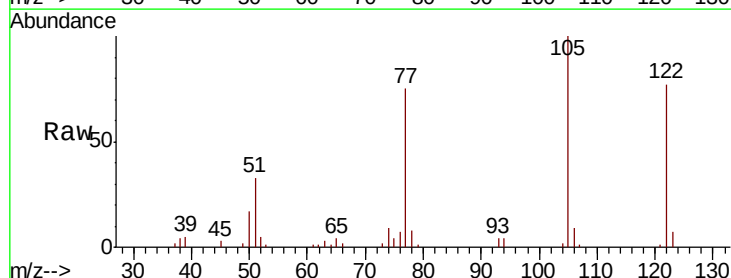


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

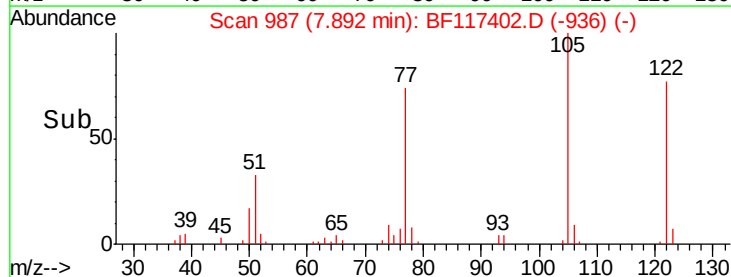
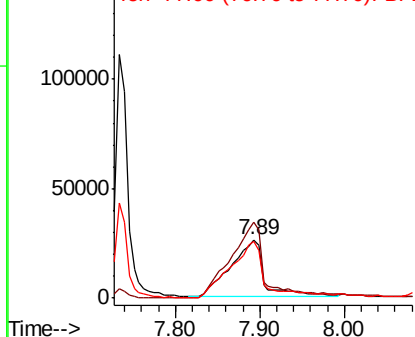


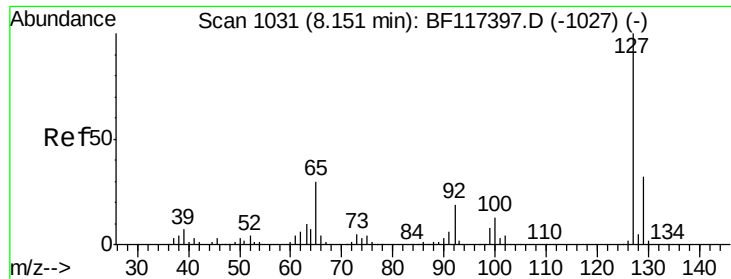
#32
Benzoic acid
Concen: 40.249 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

Tgt Ion:122 Resp: 72747
Ion Ratio Lower Upper
122 100
105 130.6 121.5 161.5
77 98.0 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

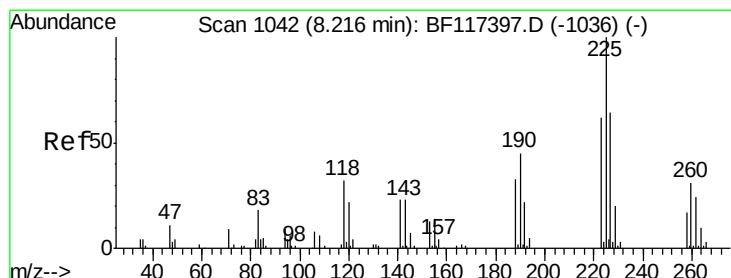
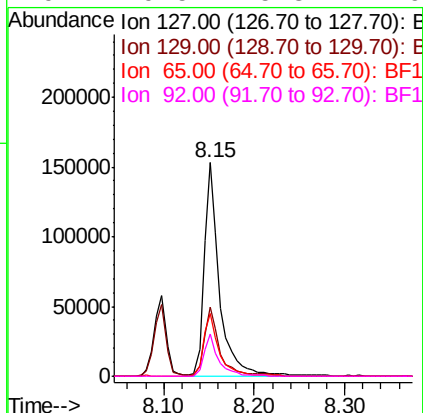
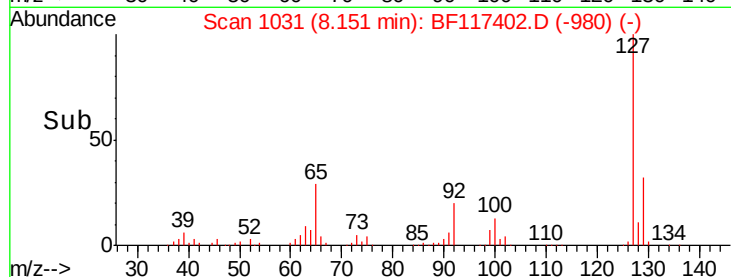
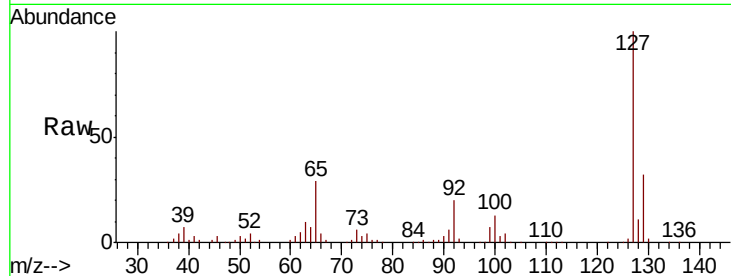




#33
4-Chloroaniline
Concen: 41.574 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

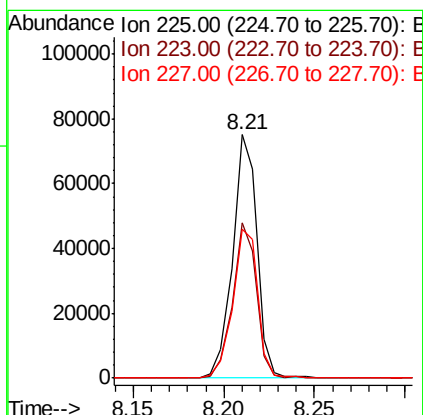
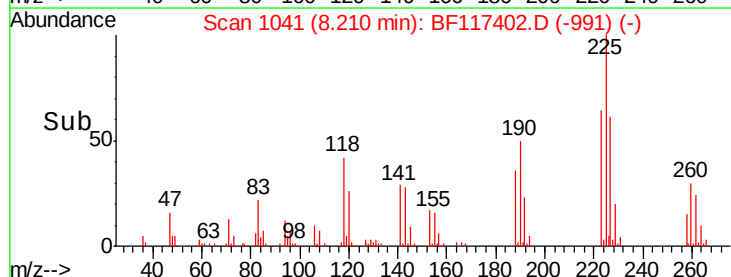
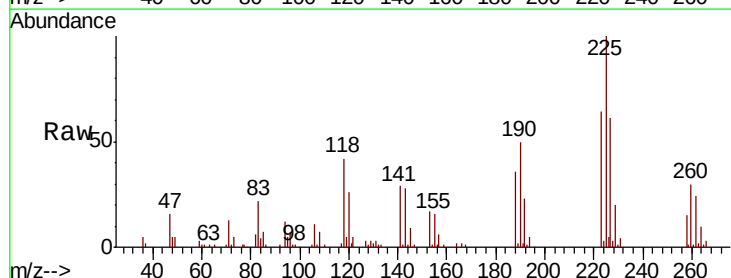
Instrument :
BNA_F
ClientSampleId :
ICVBF101419

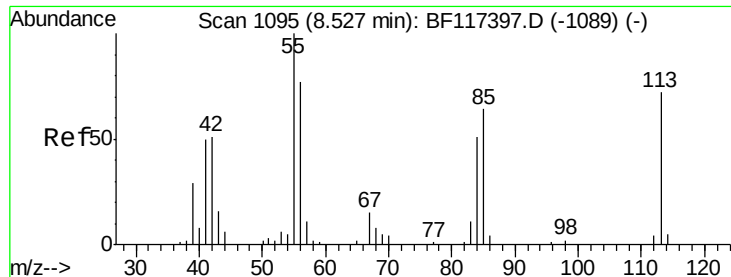
Tot Ion:	127	Resp:	182663
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.0
65	29.4	23.8	35.8
92	19.5	15.3	22.9



#34
Hexachlorobutadiene
Concen: 39.848 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

Tgt Ion:	225	Resp:	70078
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.7	74.5
227	61.2	50.9	76.3





#35

Caprolactam

Concen: 42.115 ng

RT: 8.53 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101419

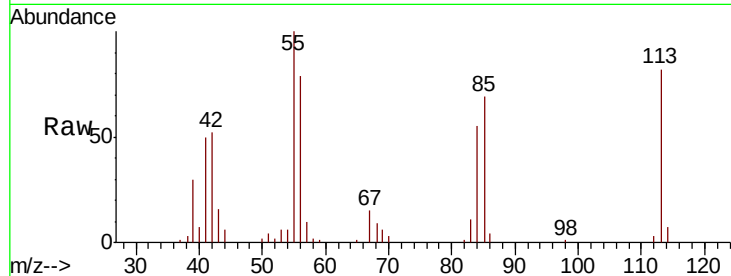
Tot Ion:113 Resp: 37566

Ion Ratio Lower Upper

113 100

55 122.1 118.5 158.5

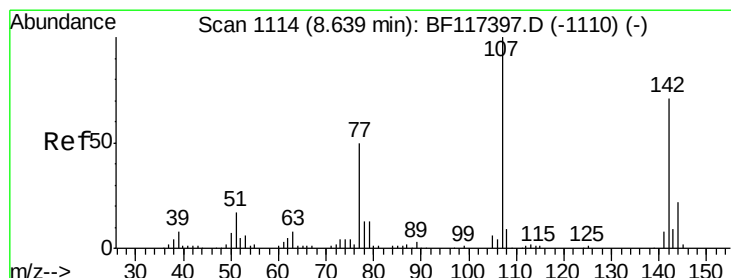
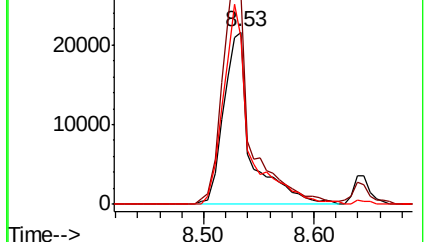
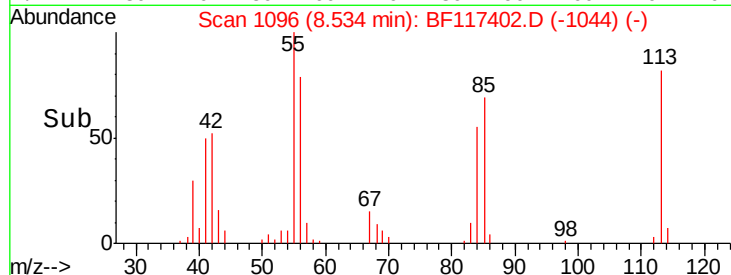
56 97.0 86.7 126.7



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: 40.672 ng

RT: 8.64 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

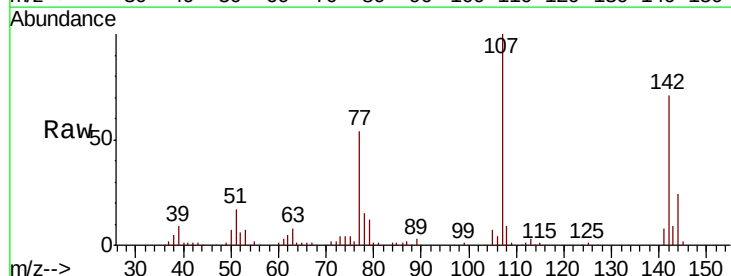
Tgt Ion:107 Resp: 131821

Ion Ratio Lower Upper

107 100

144 24.1 17.9 26.9

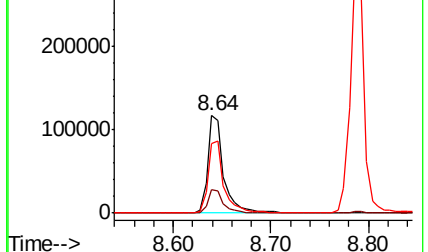
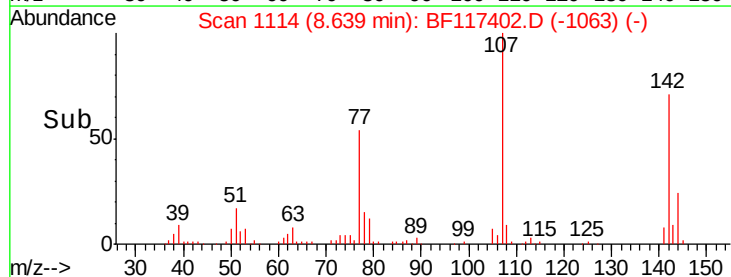
142 70.8 56.9 85.3

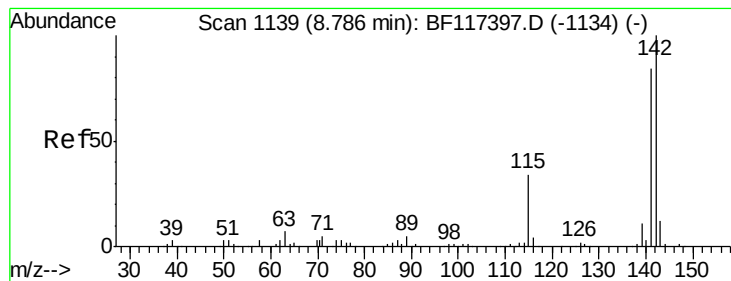


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.095 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101419

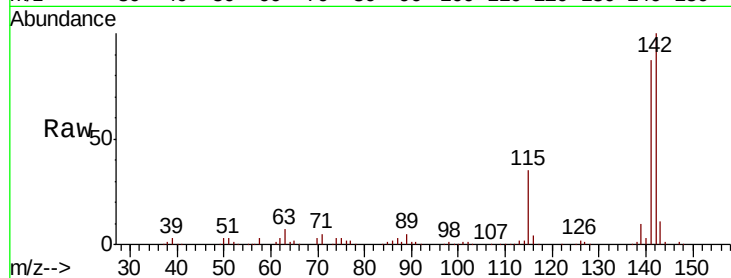
Tot Ion:142 Resp: 287092

Ion Ratio Lower Upper

142 100

141 87.1 67.2 100.8

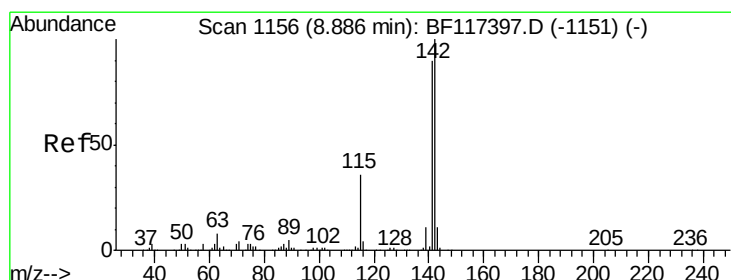
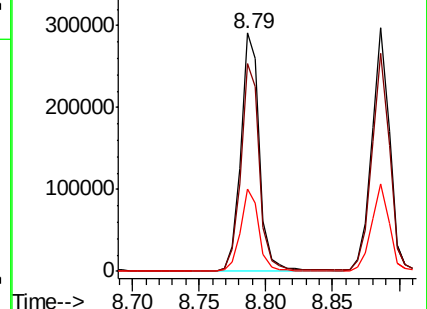
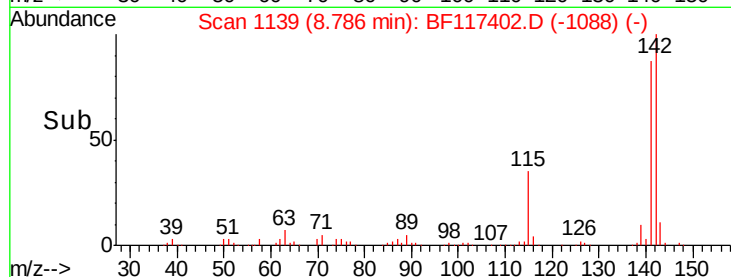
115 34.8 26.9 40.3



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: 40.606 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

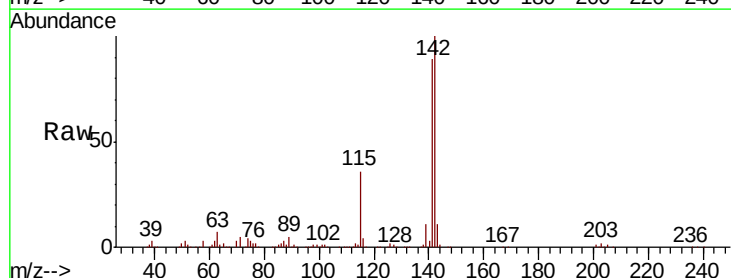
Tgt Ion:142 Resp: 267273

Ion Ratio Lower Upper

142 100

141 89.3 71.8 107.8

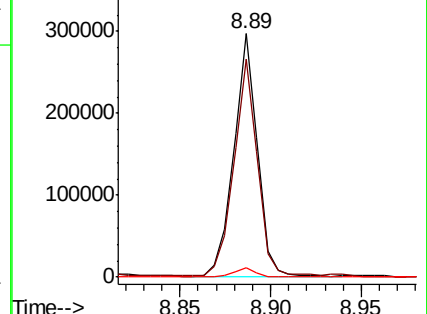
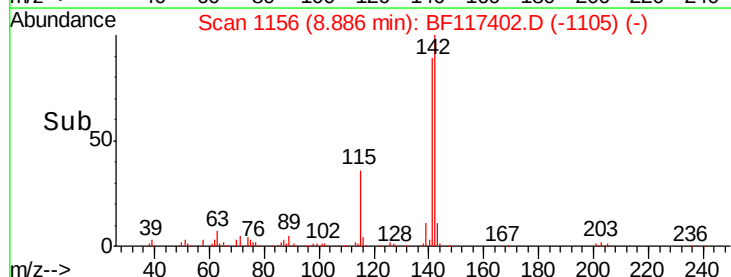
116 3.7 2.9 4.3

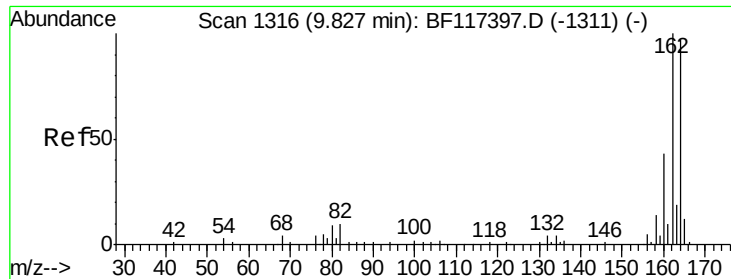


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF117402.D

Acq: 14 Oct 2019 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101419

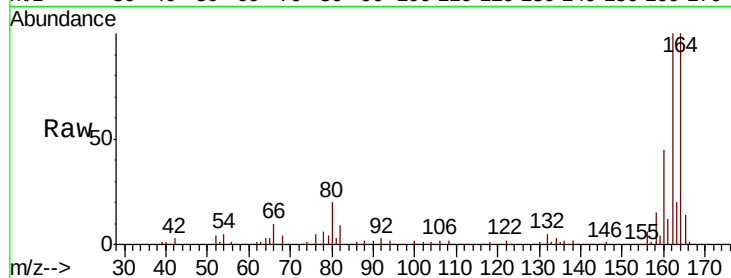
Tot Ion:164 Resp: 107640

Ion Ratio Lower Upper

164 100

162 99.8 82.4 123.6

160 44.7 35.4 53.0

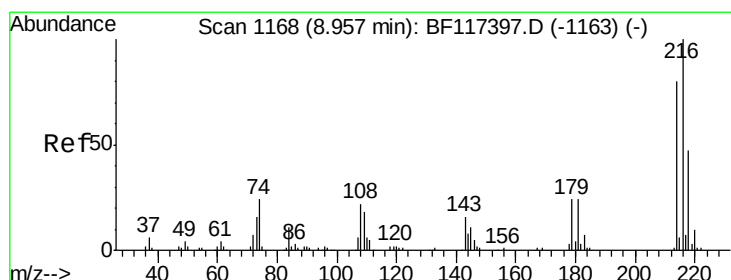
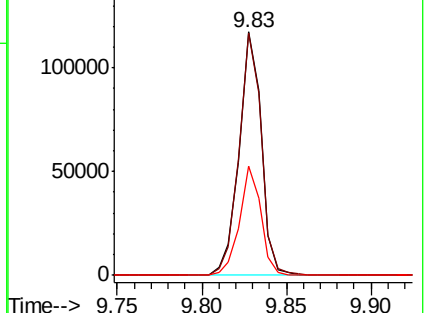
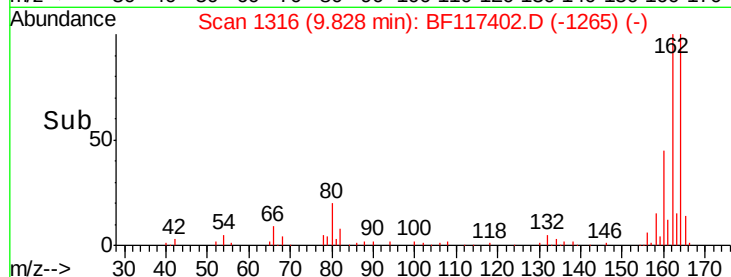


Abundance

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: 39.989 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

Tgt Ion:216 Resp: 115846

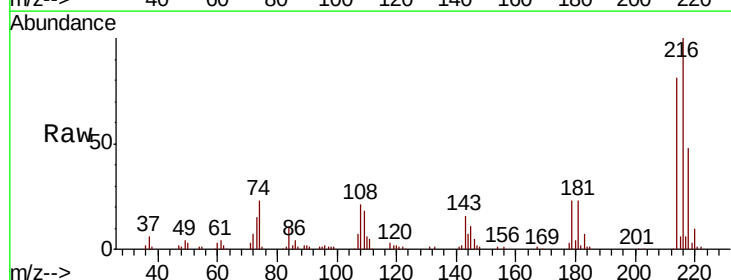
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 22.6 18.6 28.0

108 20.9 17.0 25.4



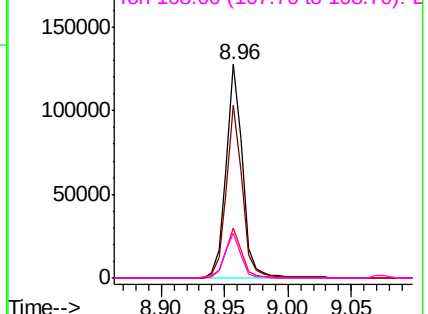
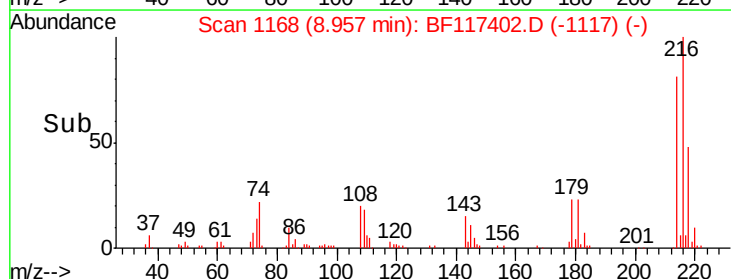
Abundance

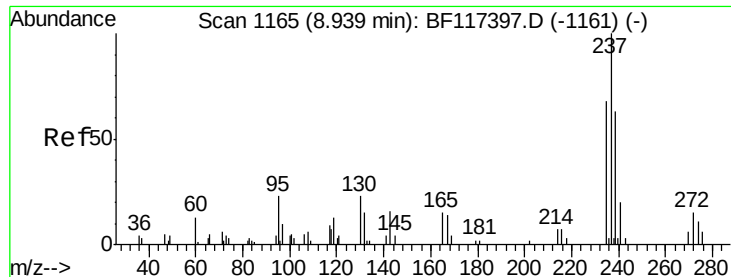
Ion 216.00 (215.70 to 216.70): E

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: 34.420 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101419

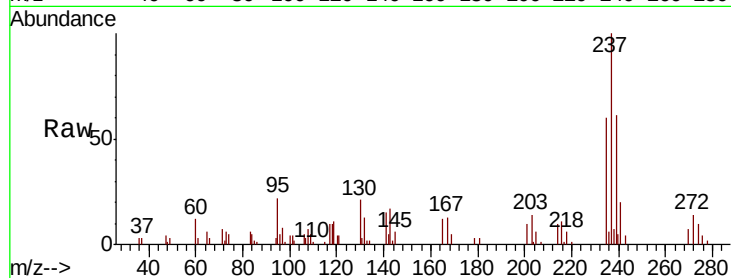
Tot Ion:237 Resp: 18620

Ion Ratio Lower Upper

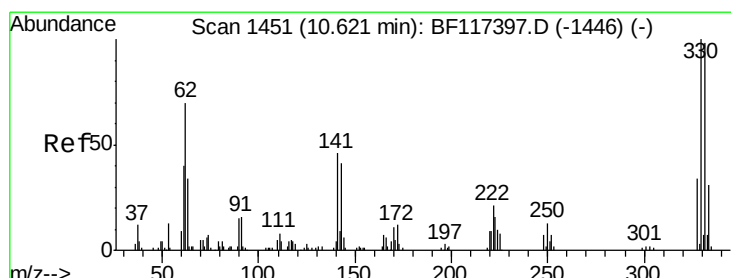
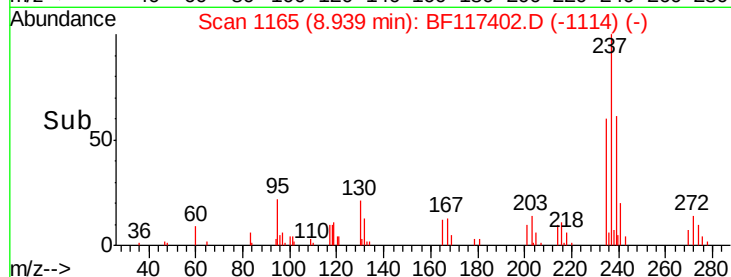
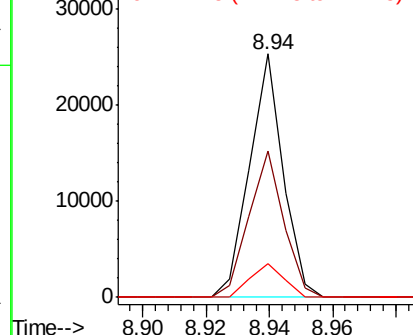
237 100

235 59.9 47.8 87.8

272 13.8 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: 81.206 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

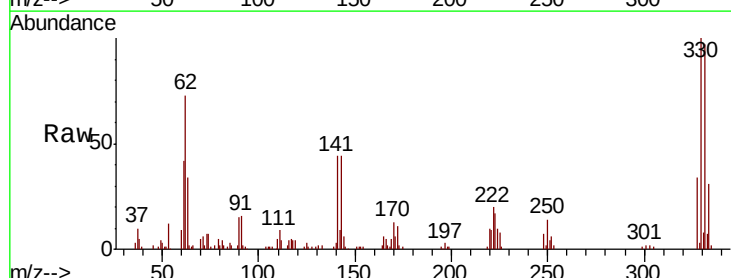
Tgt Ion:330 Resp: 71140

Ion Ratio Lower Upper

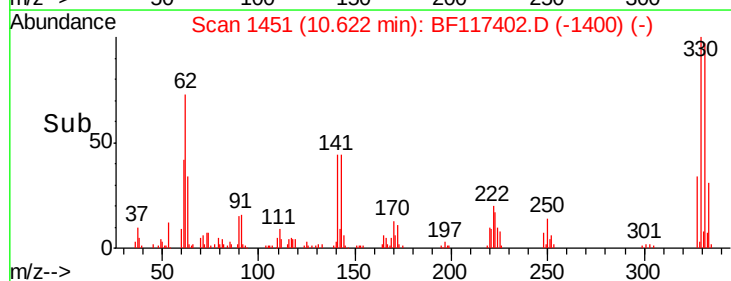
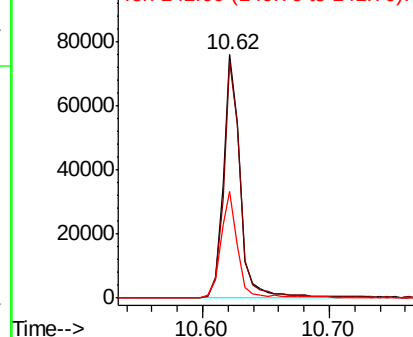
330 100

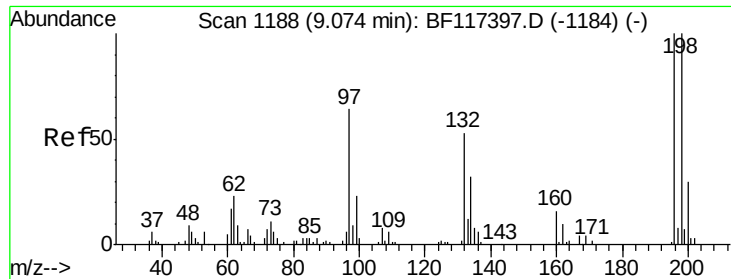
332 97.4 75.0 112.6

141 43.7 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

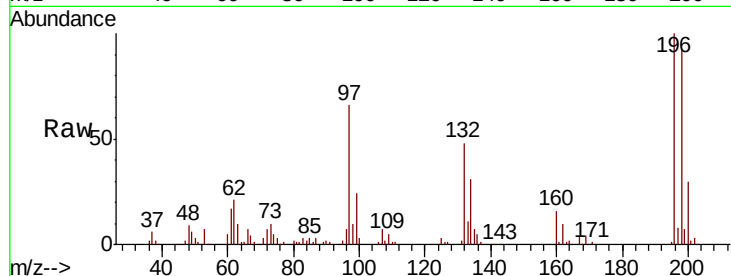




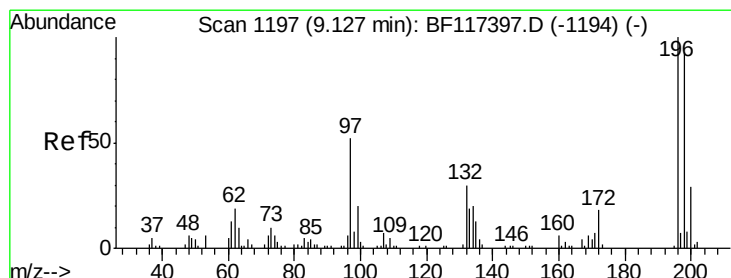
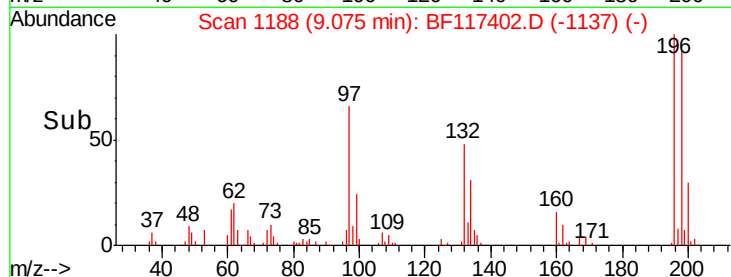
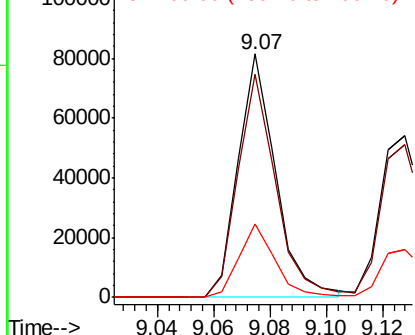
#43
 2,4,6-Trichlorophenol
 Concen: 41.118 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF117402.D
 Acq: 14 Oct 2019 16:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101419

Tot Ion:196 Resp: 75383
 Ion Ratio Lower Upper
 196 100
 198 91.6 79.8 119.6
 200 30.0 23.7 35.5

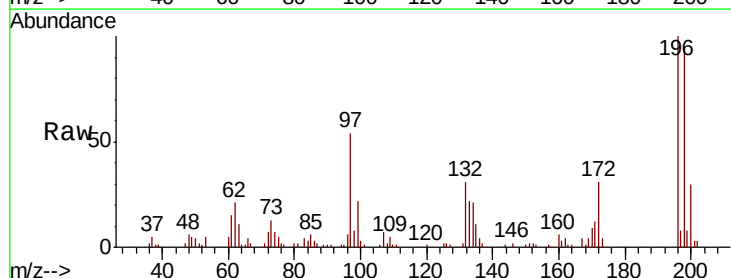


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

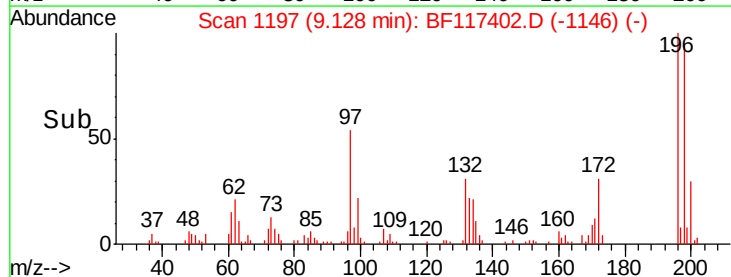
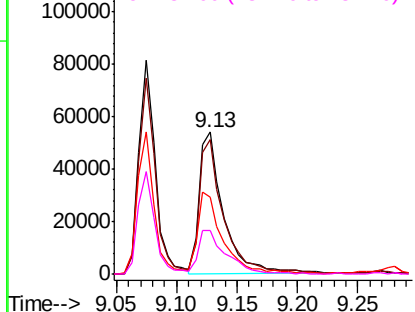


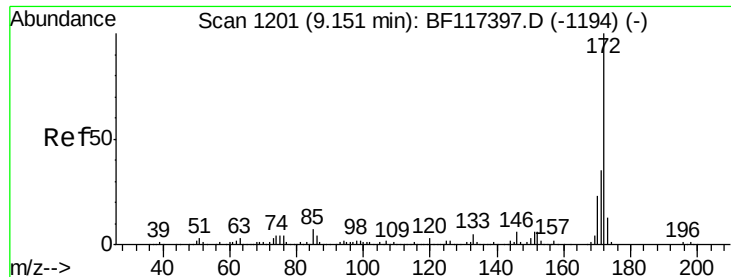
#44
 2,4,5-Trichlorophenol
 Concen: 39.930 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF117402.D
 Acq: 14 Oct 2019 16:35

Tgt Ion:196 Resp: 74671
 Ion Ratio Lower Upper
 196 100
 198 94.7 74.9 112.3
 97 53.9 42.5 63.7
 132 31.0 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

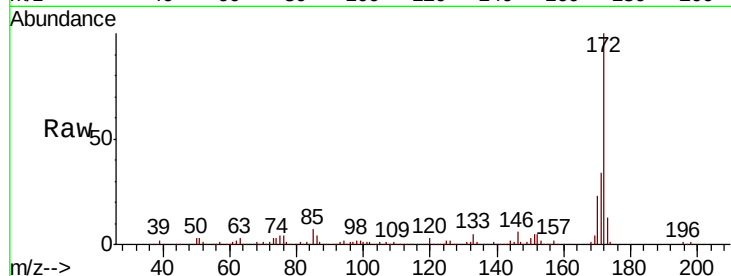




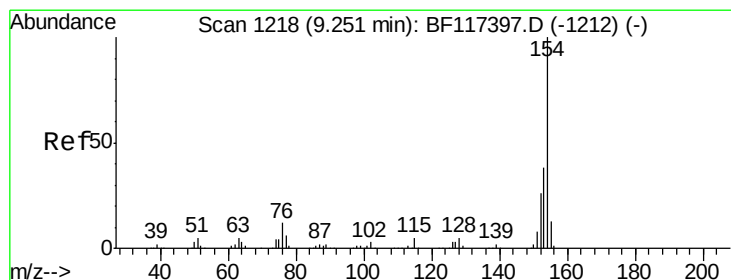
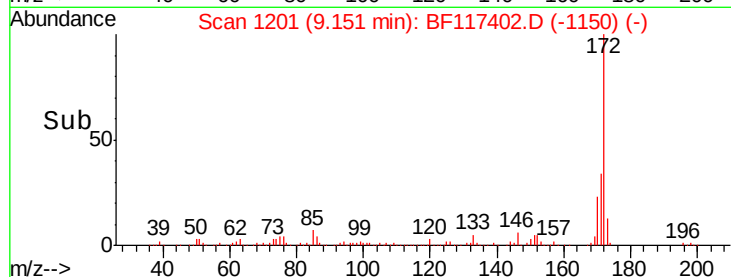
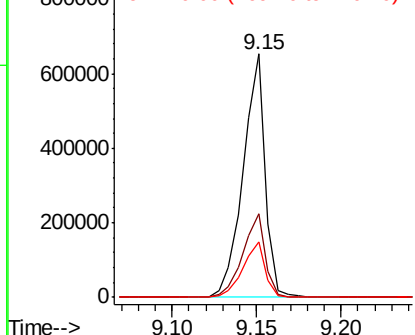
#45
2-Fluorobiphenyl
Concen: 80.460 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101419

Tot Ion:172 Resp: 594061
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.2
170 22.9 18.2 27.2

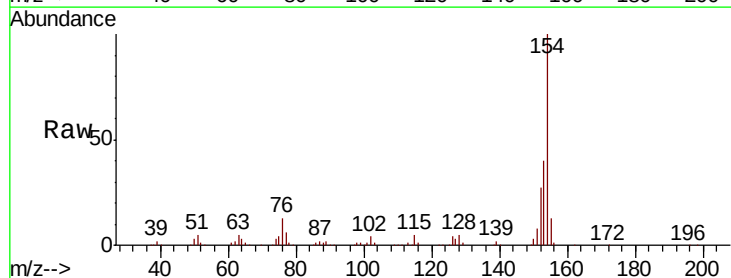


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

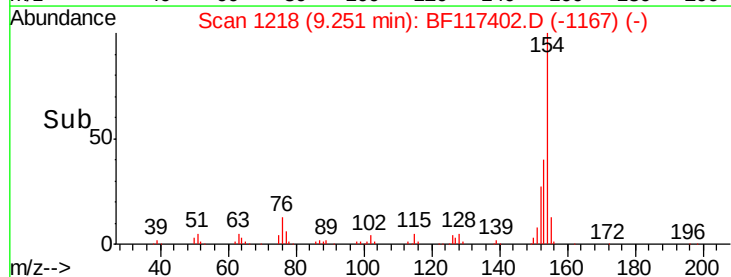
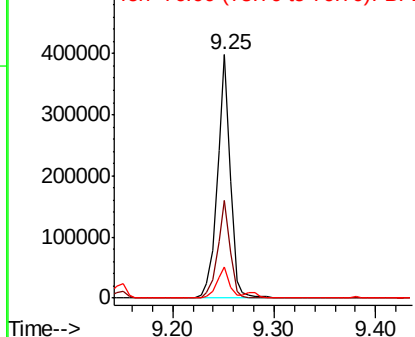


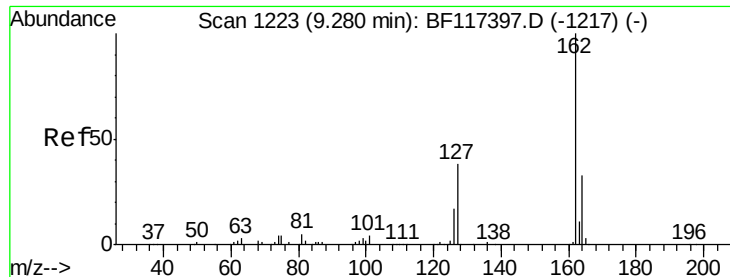
#46
1,1'-Biphenyl
Concen: 39.885 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

Tgt Ion:154 Resp: 350728
Ion Ratio Lower Upper
154 100
153 40.4 18.3 58.3
76 12.7 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

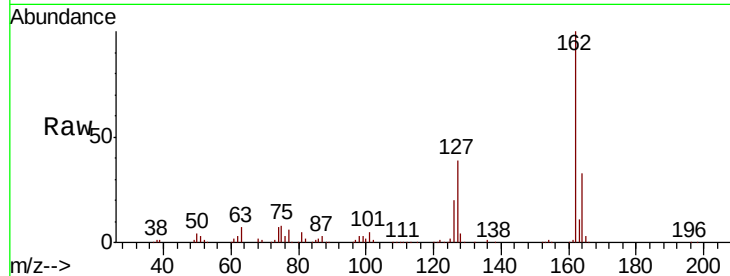




#47
 2-Chloronaphthalene
 Concen: 39.707 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF117402.D
 Acq: 14 Oct 2019 16:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101419

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.6	48.8
164	32.7	26.2	39.4

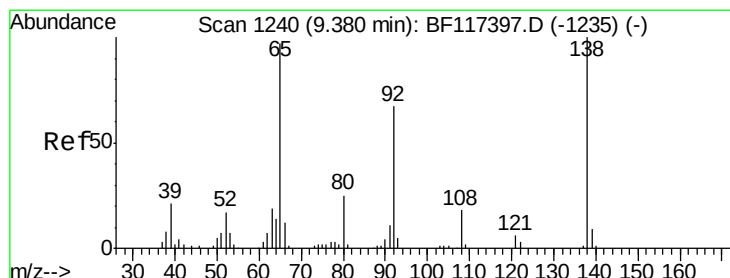
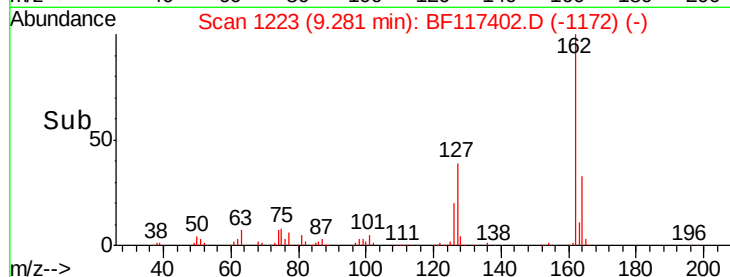
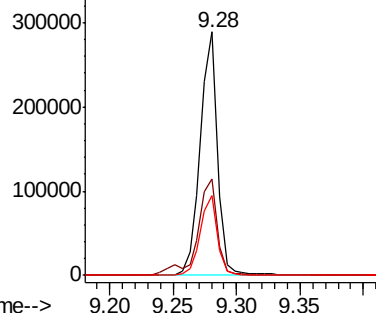


Abundance

Ion 162.00 (161.70 to 162.70): E

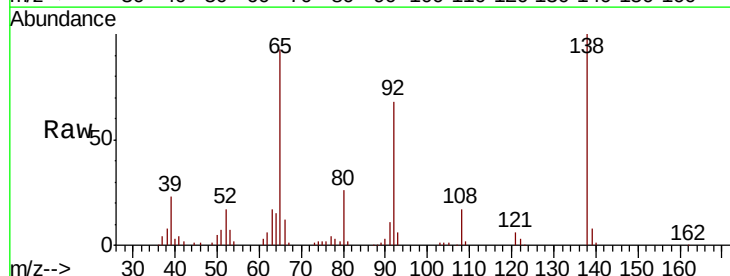
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 39.897 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF117402.D
 Acq: 14 Oct 2019 16:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.9	55.4	83.0
138	107.4	82.6	124.0

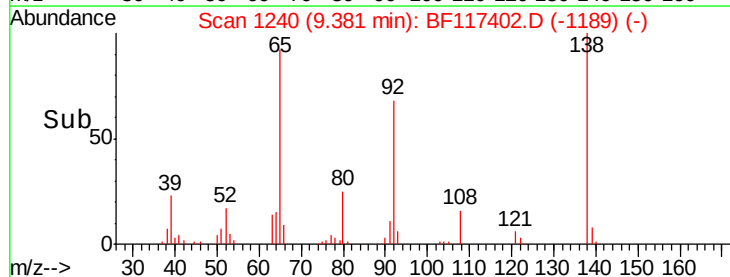
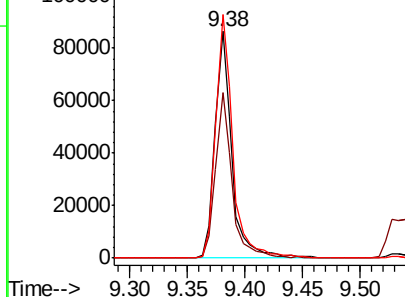


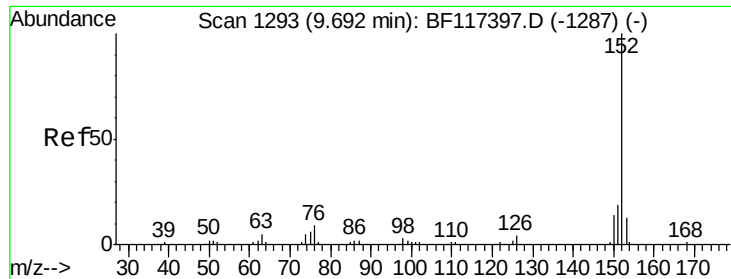
Abundance

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: 40.352 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101419

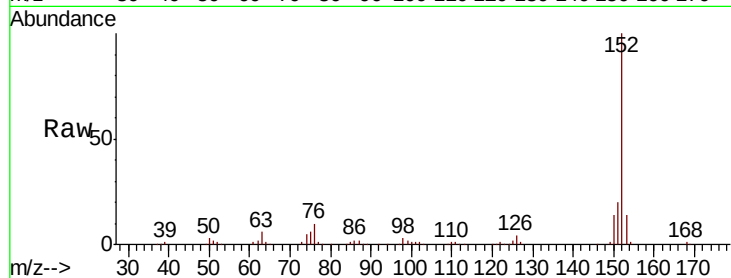
Tot Ion:152 Resp: 405508

Ion Ratio Lower Upper

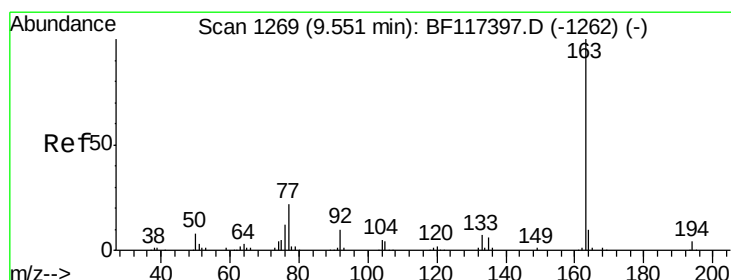
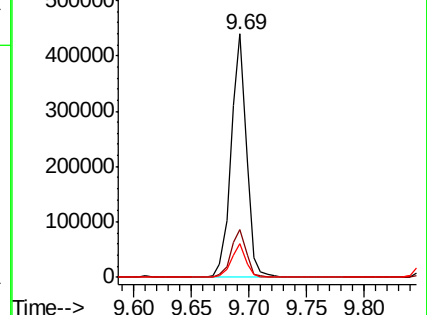
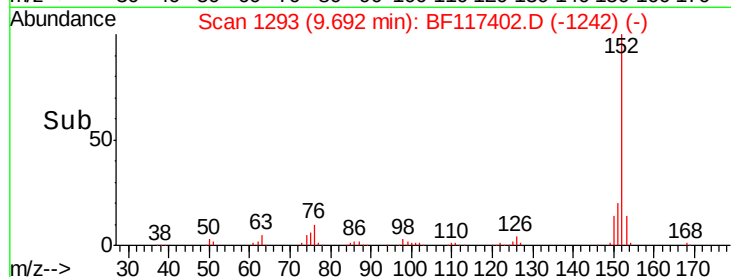
152 100

151 19.7 15.5 23.3

153 13.6 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: 39.688 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

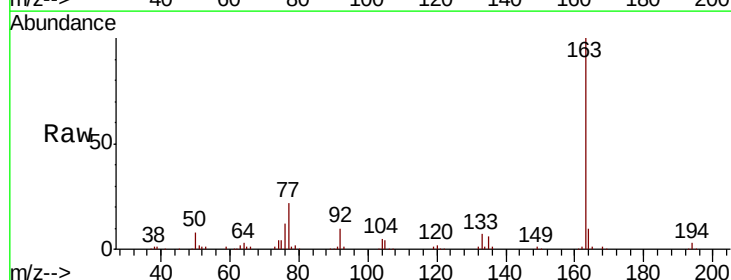
Tgt Ion:163 Resp: 306805

Ion Ratio Lower Upper

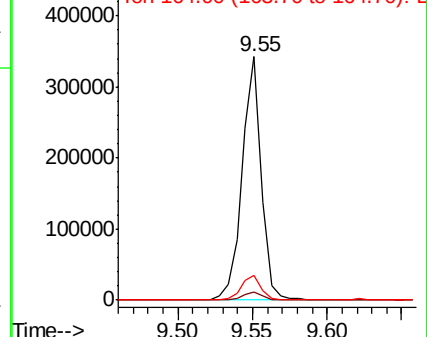
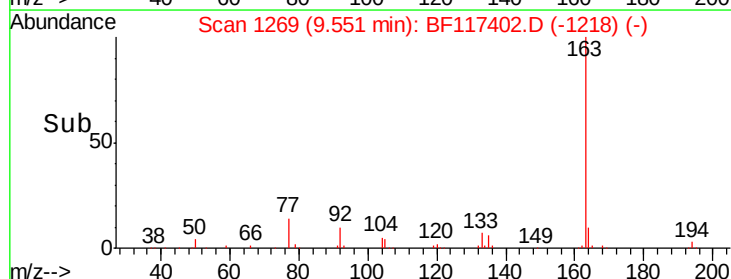
163 100

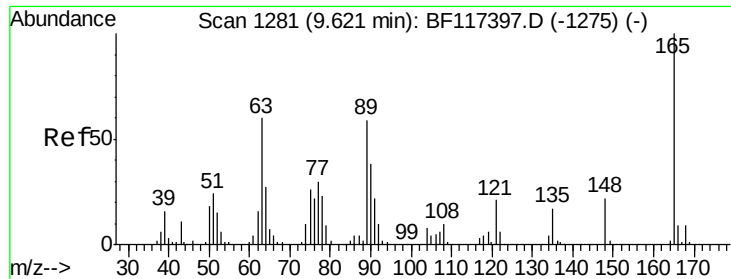
194 3.5 3.1 4.7

164 9.9 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

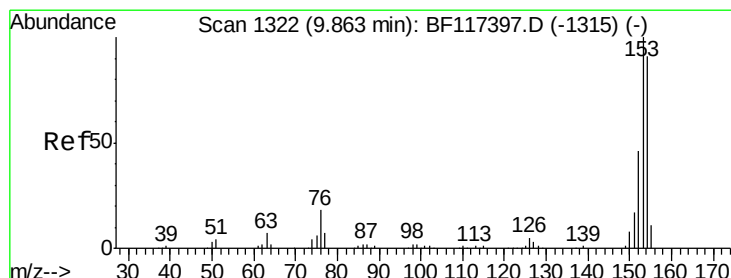
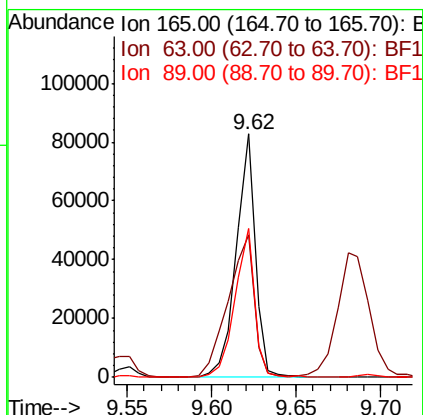
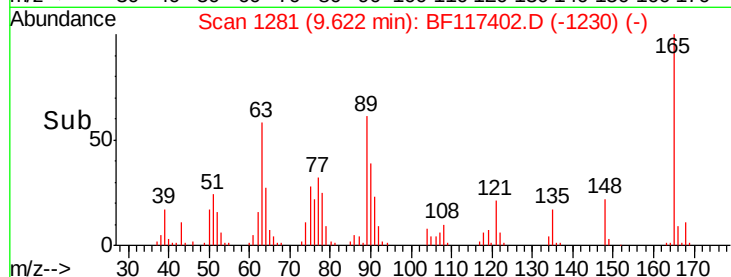
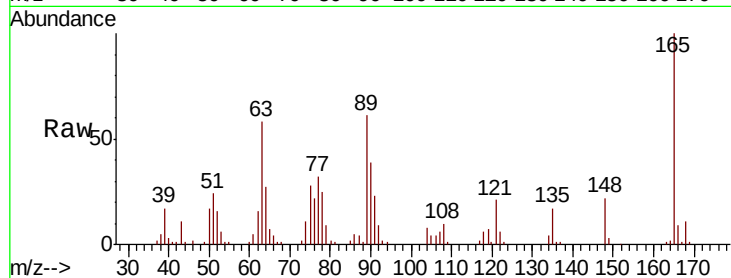




#51
 2,6-Dinitrotoluene
 Concen: 40.058 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BF117402.D
 Acq: 14 Oct 2019 16:35

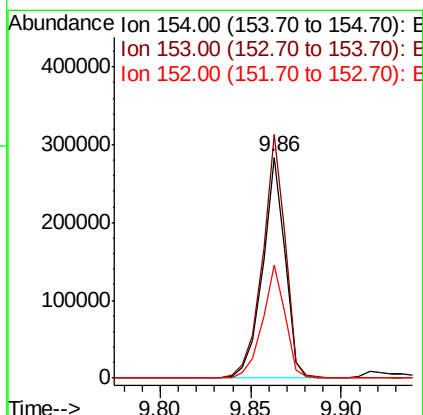
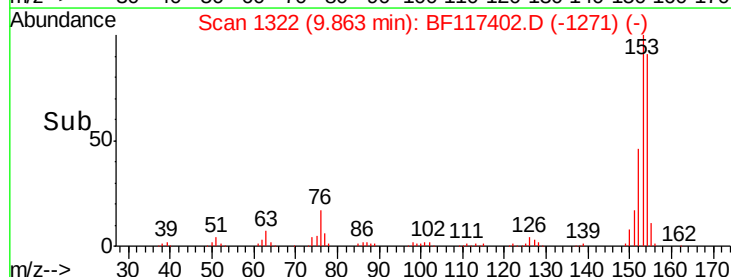
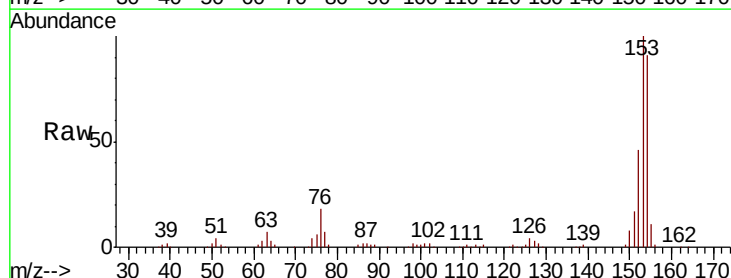
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101419

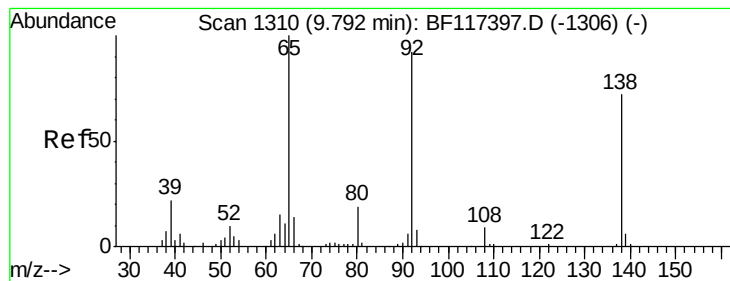
Tot Ion:165 Resp: 65089
 Ion Ratio Lower Upper
 165 100
 63 58.4 47.8 71.6
 89 61.2 47.4 71.0



#52
 Acenaphthene
 Concen: 40.007 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF117402.D
 Acq: 14 Oct 2019 16:35

Tgt Ion:154 Resp: 244293
 Ion Ratio Lower Upper
 154 100
 153 110.4 87.9 131.9
 152 51.2 40.8 61.2





#53

3-Nitroaniline

Concen: 40.078 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101419

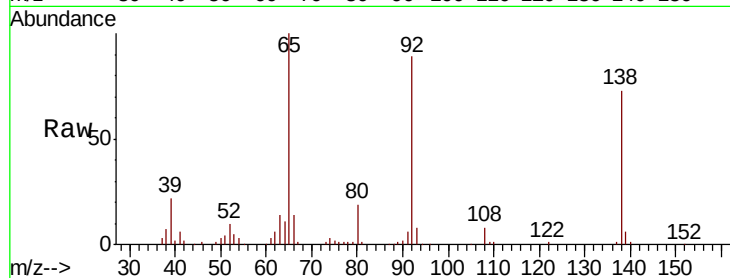
Tot Ion:138 Resp: 79524

Ion Ratio Lower Upper

138 100

108 11.0 9.5 14.3

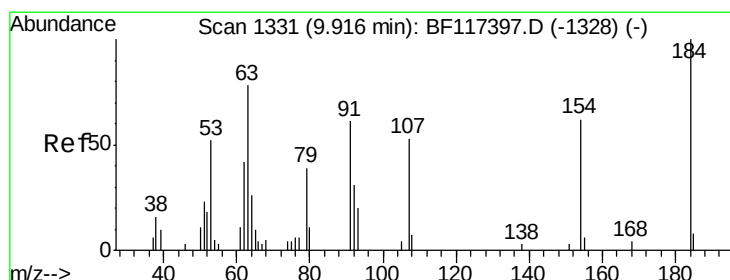
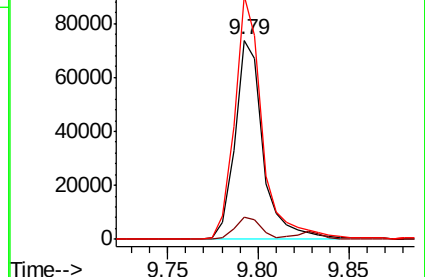
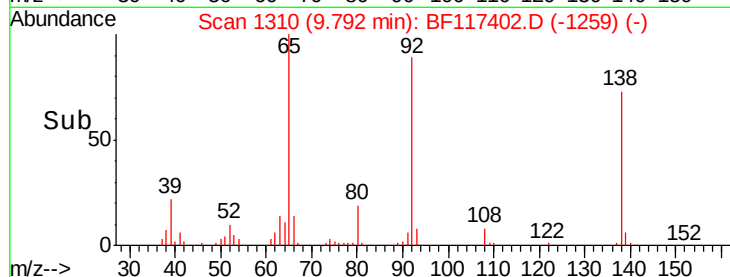
92 122.4 102.2 153.4



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: 35.653 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

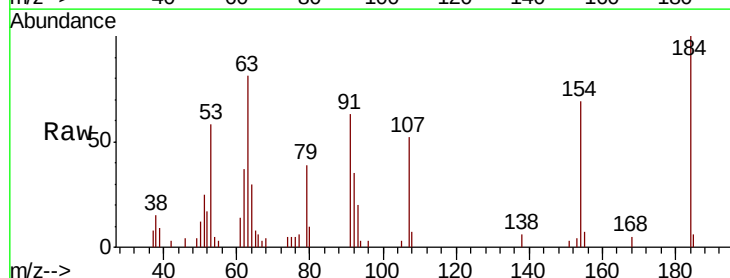
Tgt Ion:184 Resp: 22874

Ion Ratio Lower Upper

184 100

63 81.0 62.4 93.6

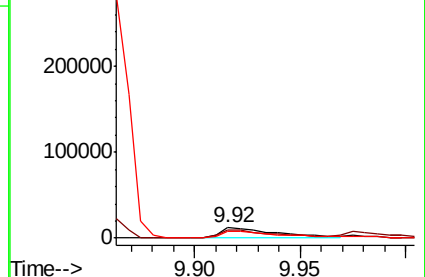
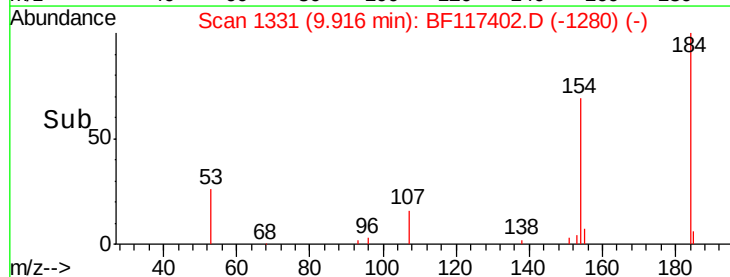
154 69.0 53.5 80.3

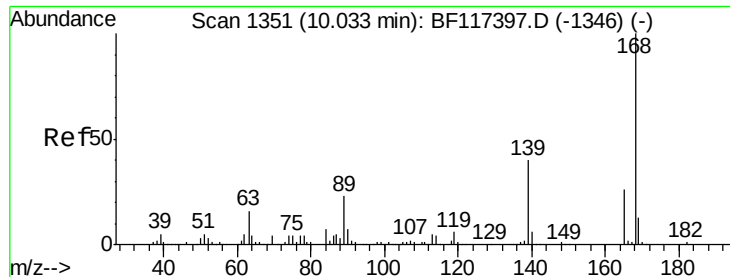


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

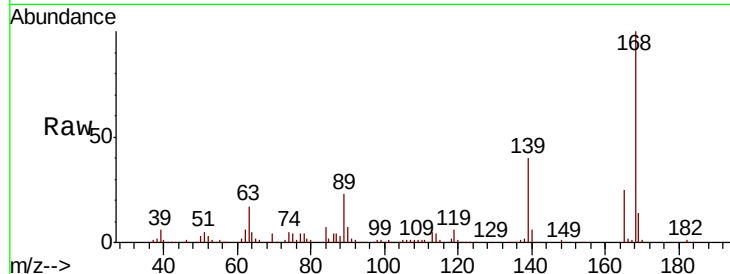




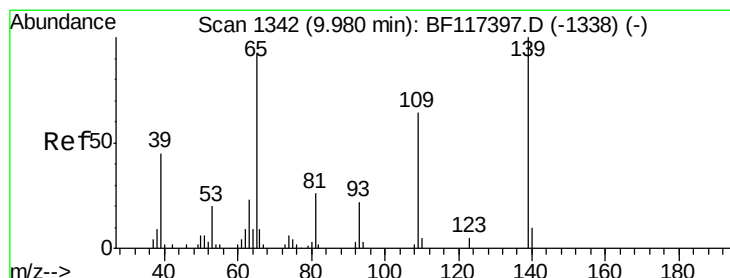
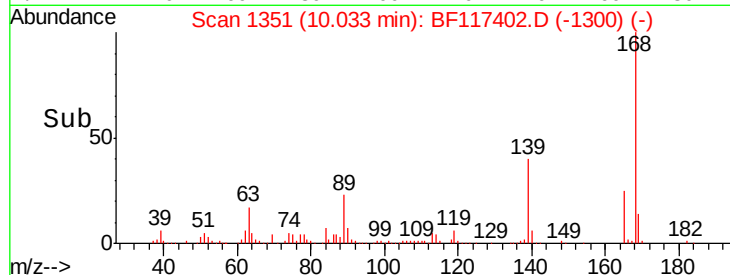
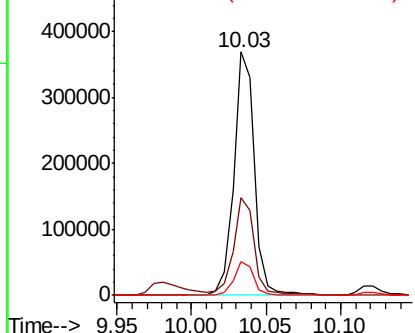
#55
Dibenzofuran
Concen: 40.171 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101419

Tot Ion:168 Resp: 357822
Ion Ratio Lower Upper
168 100
139 40.4 33.3 49.9
169 13.6 10.7 16.1

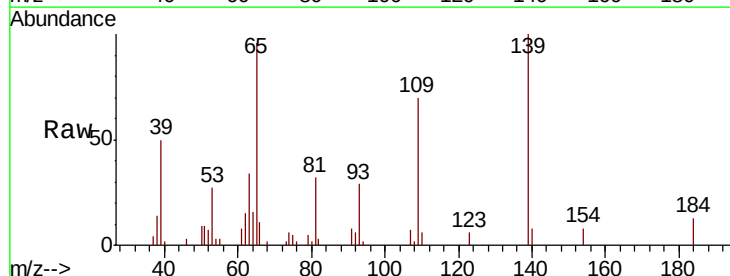


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

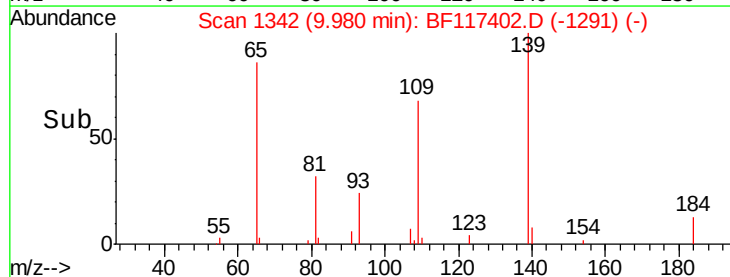
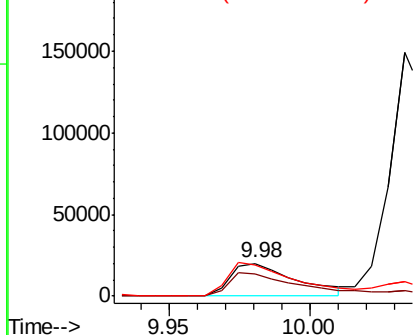


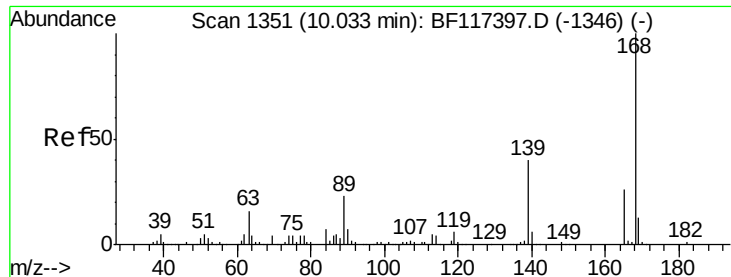
#56
4-Nitrophenol
Concen: 38.711 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

Tgt Ion:139 Resp: 32074
Ion Ratio Lower Upper
139 100
109 69.7 43.8 83.8
65 96.1 73.9 113.9



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

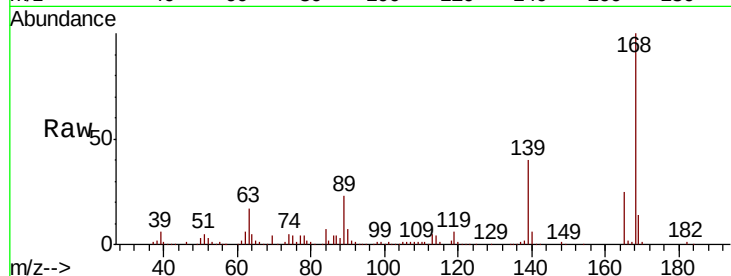




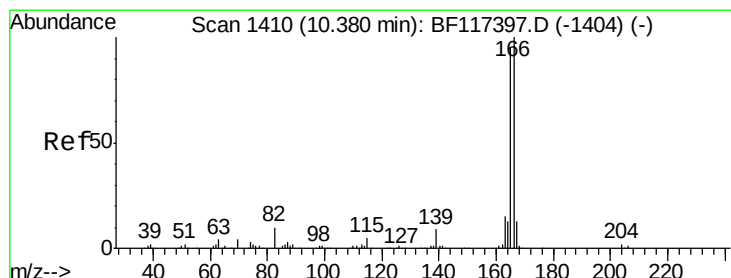
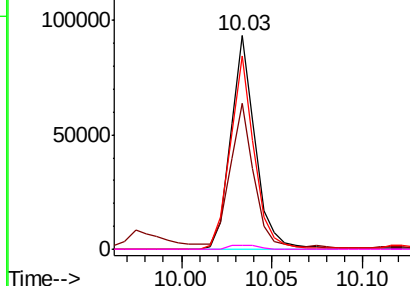
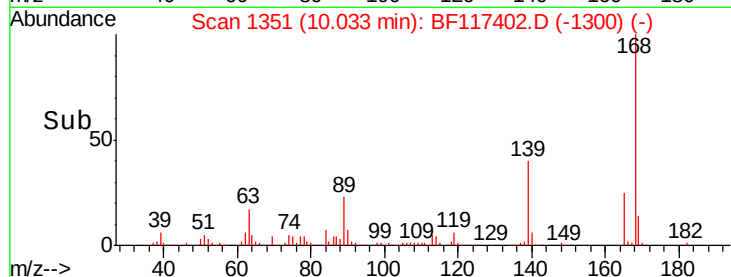
#57
2,4-Dinitrotoluene
Concen: 41.032 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101419

Tot Ion:165 Resp: 87972
Ion Ratio Lower Upper
165 100
63 68.3 51.0 76.4
89 90.6 70.7 106.1
182 2.1 2.1 3.1

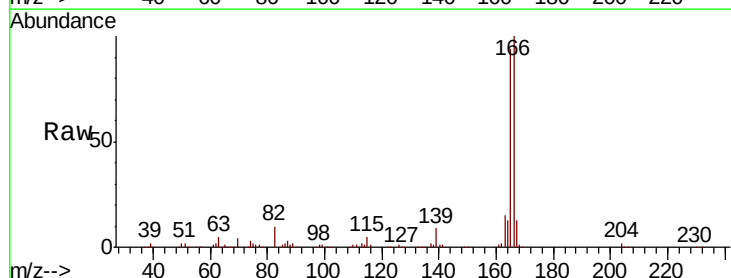


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

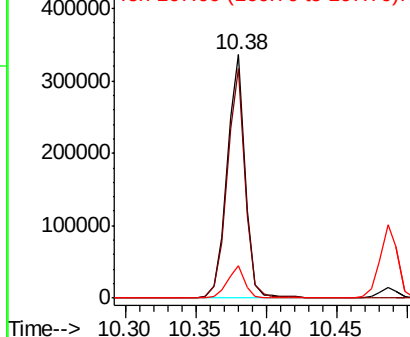
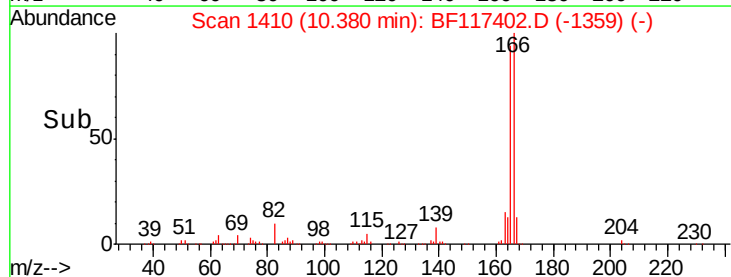


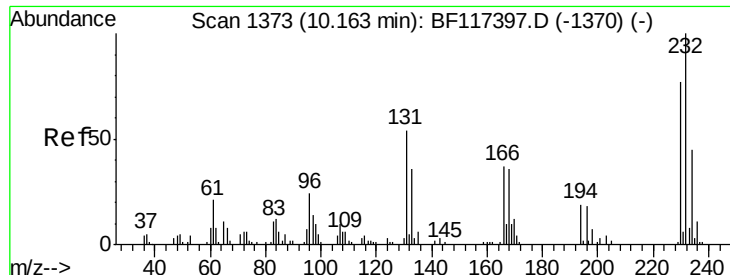
#58
Fluorene
Concen: 40.400 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

Tgt Ion:166 Resp: 299639
Ion Ratio Lower Upper
166 100
165 94.4 75.7 113.5
167 13.4 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

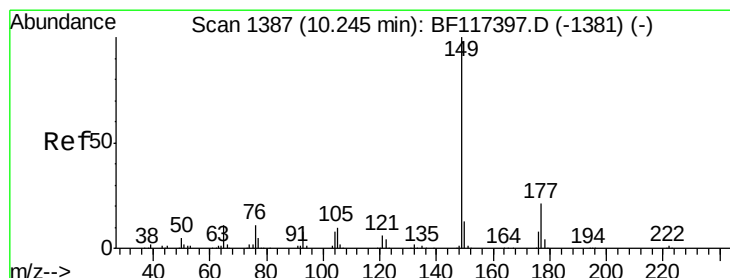
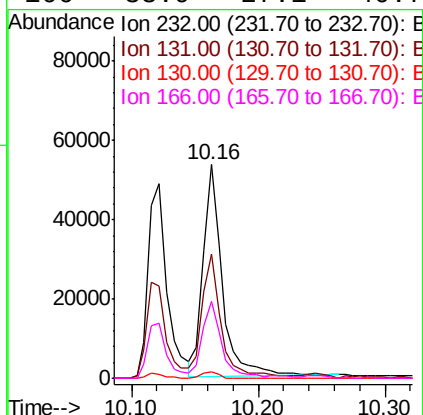
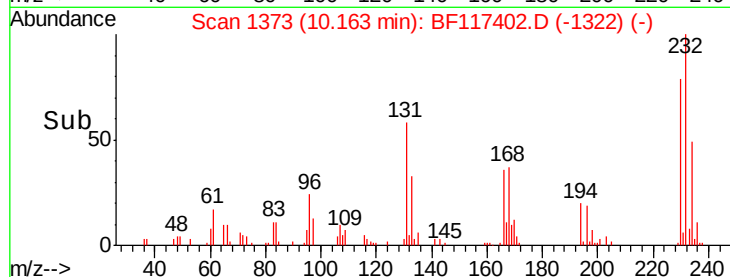
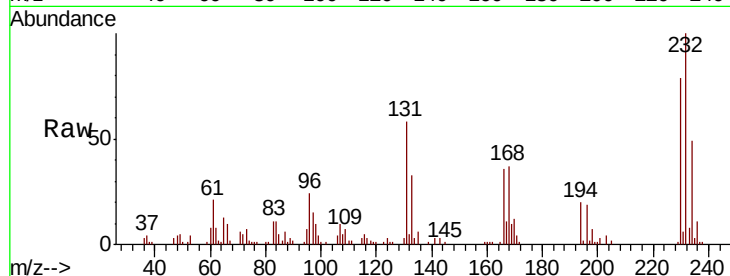




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.259 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF117402.D
 Acq: 14 Oct 2019 16:35

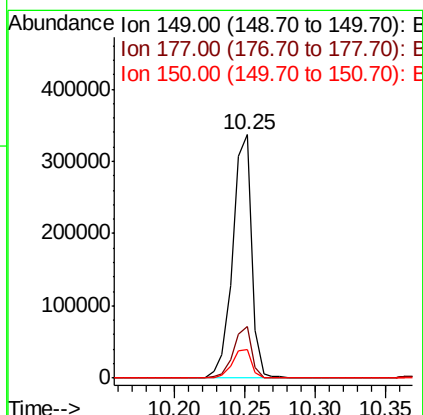
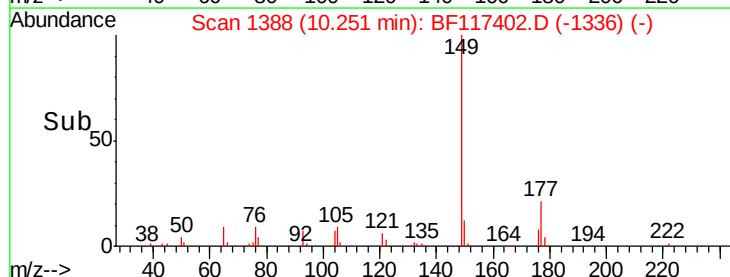
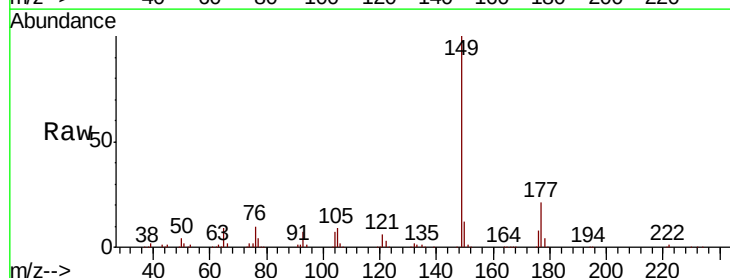
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101419

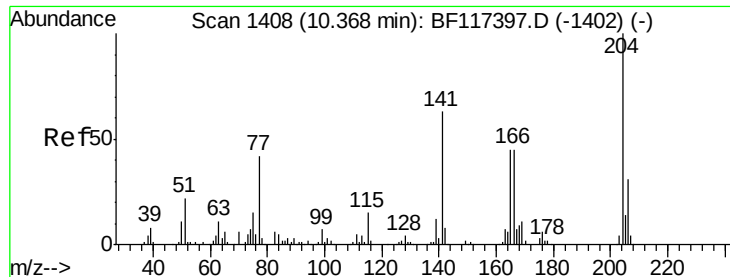
Tot Ion:232	Resp:	56756
Ion Ratio	Lower	Upper
232	100	
131	58.6	44.5 66.7
130	2.5	2.0 3.0
166	33.9	27.1 40.7



#60
 Diethylphthalate
 Concen: 40.610 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF117402.D
 Acq: 14 Oct 2019 16:35

Tgt Ion:149	Resp:	316444
Ion Ratio	Lower	Upper
149	100	
177	21.1	16.5 24.7
150	11.7	10.1 15.1

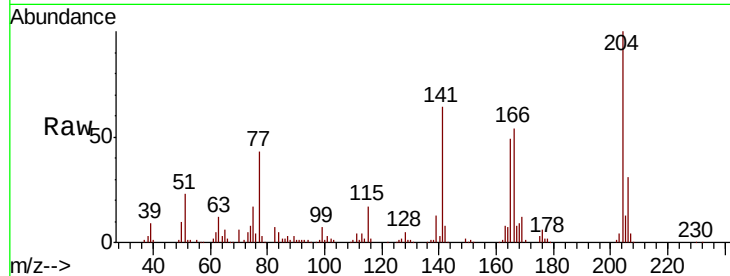




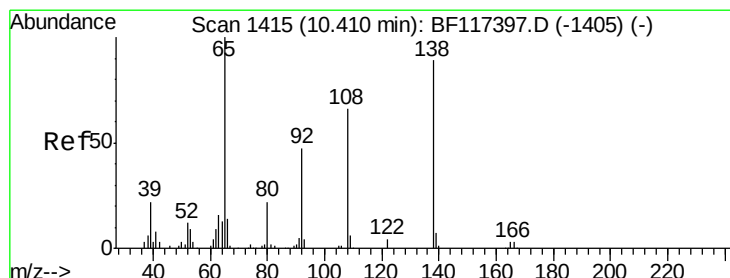
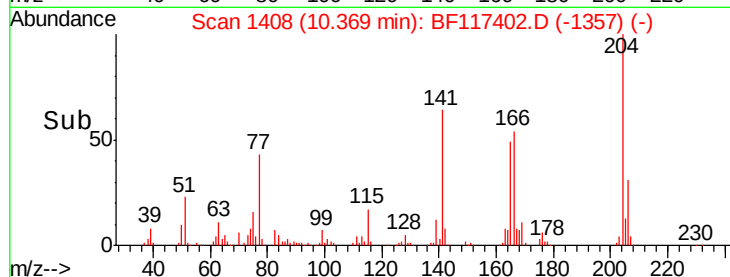
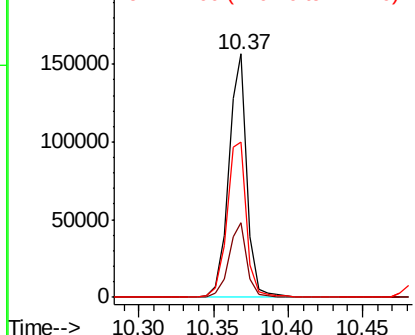
#61
4-Chlorophenyl-phenylether
Concen: 41.106 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101419

Tot Ion:204 Resp: 134980
Ion Ratio Lower Upper
204 100
206 30.6 25.0 37.4
141 63.9 50.7 76.1

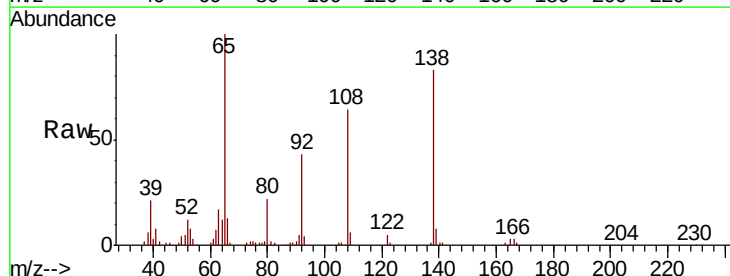


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

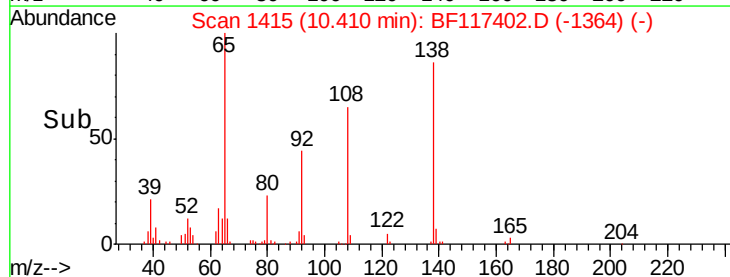
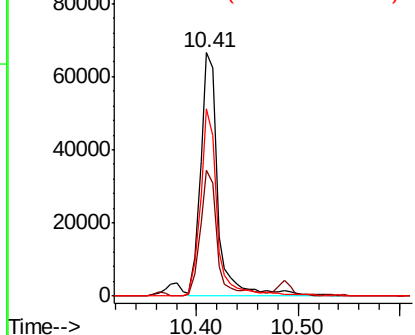


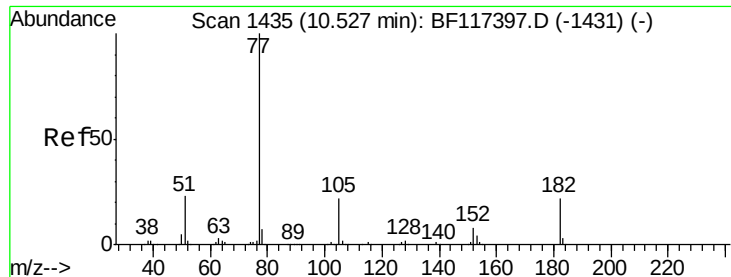
#62
4-Nitroaniline
Concen: 42.175 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

Tgt Ion:138 Resp: 79548
Ion Ratio Lower Upper
138 100
92 51.6 32.4 72.4
108 76.9 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

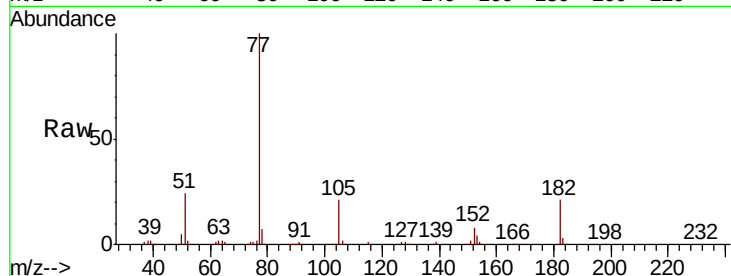




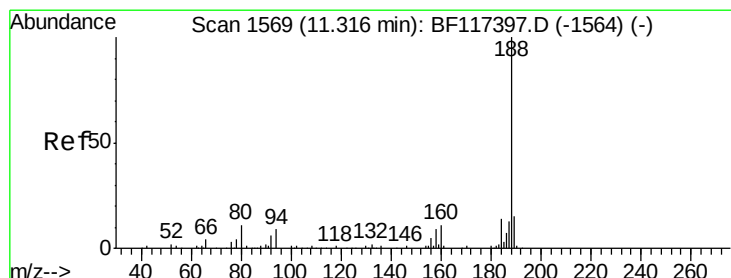
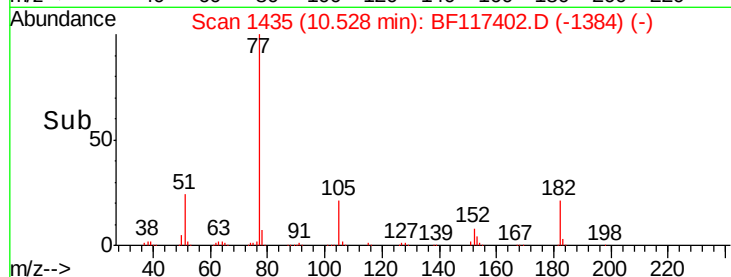
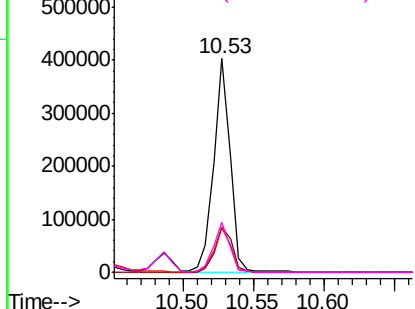
#63
Azobenzene
Concen: 40.730 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101419

Tot Ion:	77	Resp:	325657
Ion	Ratio	Lower	Upper
77	100		
182	21.2	1.5	41.5
105	21.2	1.8	41.8
51	23.6	3.3	43.3

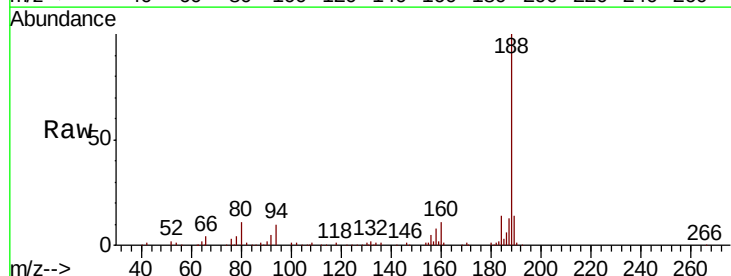


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

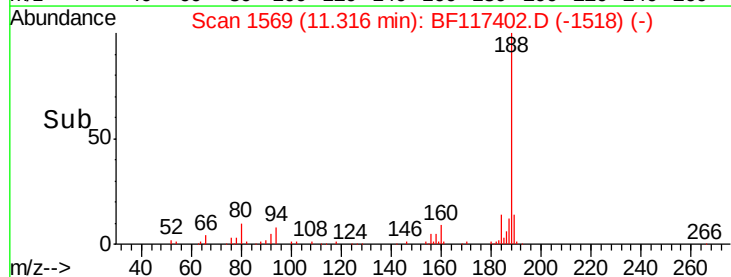
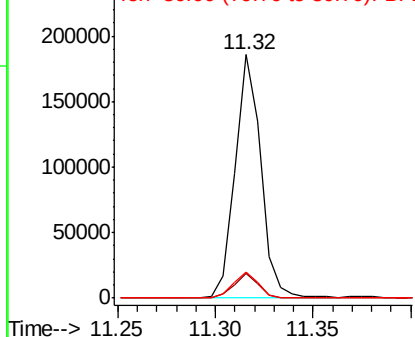


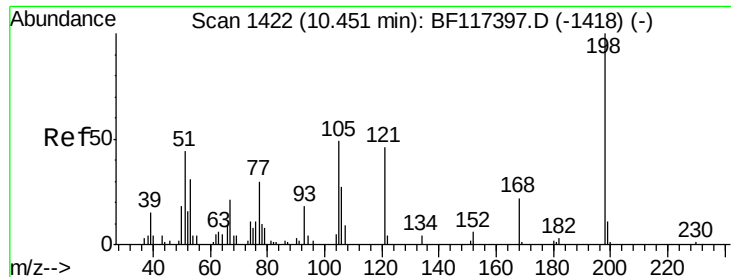
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

Tgt Ion:	188	Resp:	169676
Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.5	11.3
80	10.7	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

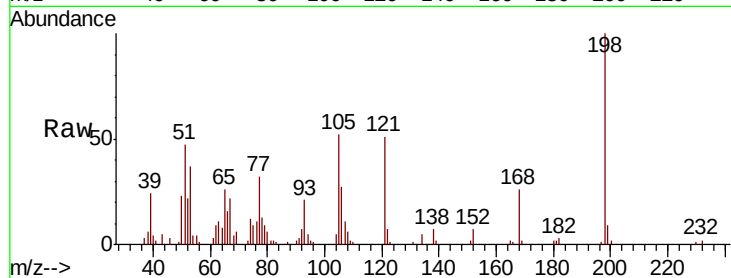




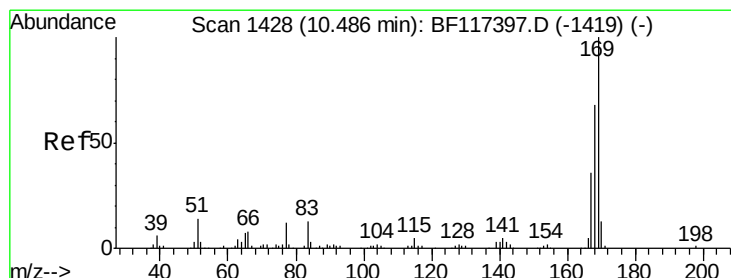
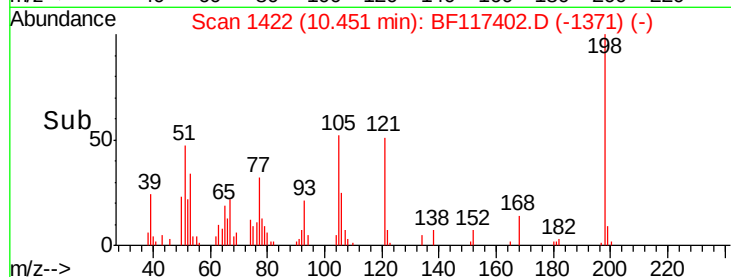
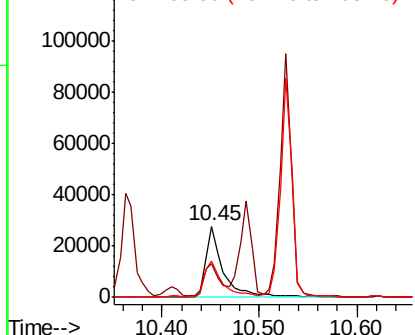
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.212 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF117402.D
 Acq: 14 Oct 2019 16:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101419

Tot Ion:198 Resp: 34560
 Ion Ratio Lower Upper
 198 100
 51 47.0 25.9 65.9
 105 51.9 29.4 69.4

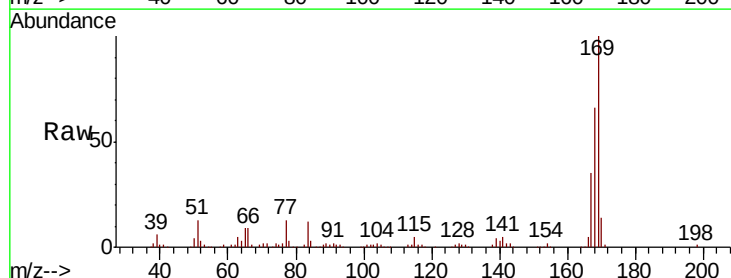


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

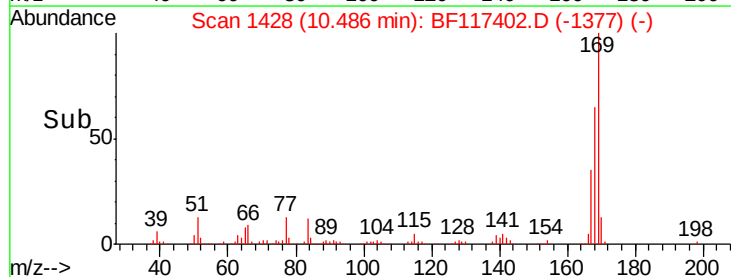
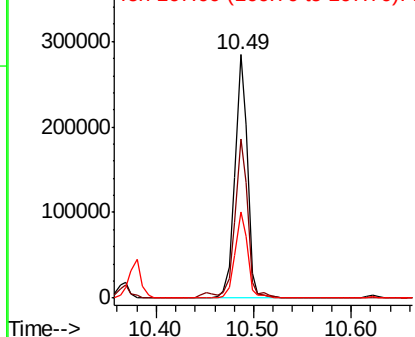


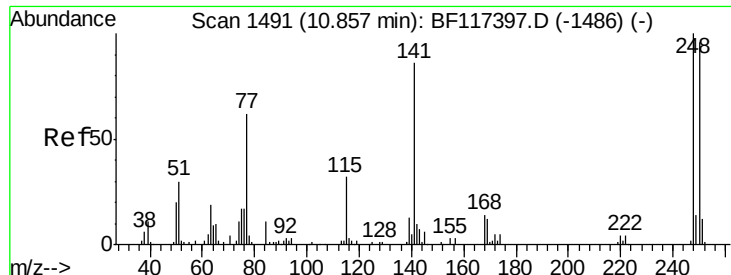
#66
 n-Nitrosodiphenylamine
 Concen: 40.255 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF117402.D
 Acq: 14 Oct 2019 16:35

Tgt Ion:169 Resp: 255160
 Ion Ratio Lower Upper
 169 100
 168 65.6 54.1 81.1
 167 35.4 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

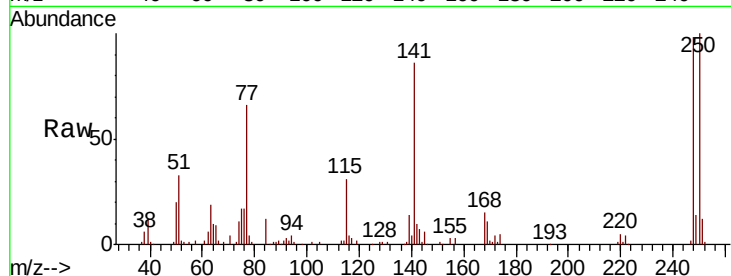




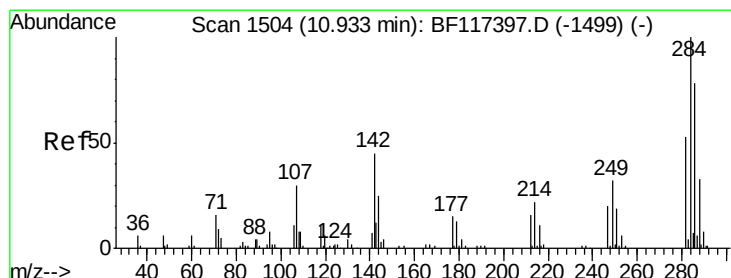
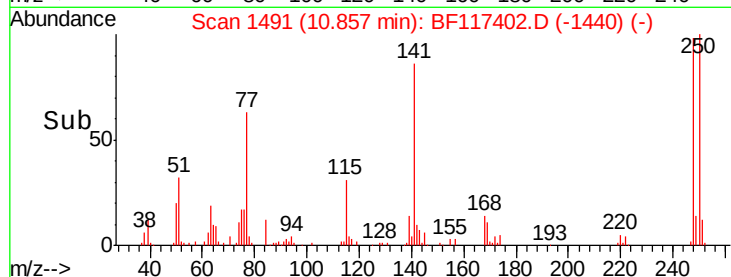
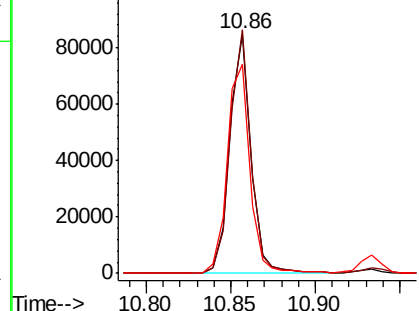
#67
 4-Bromophenyl-phenylether
 Concen: 39.973 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BF117402.D
 Acq: 14 Oct 2019 16:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101419

Tot Ion:248 Resp: 74392
 Ion Ratio Lower Upper
 248 100
 250 101.9 77.1 115.7
 141 87.5 69.1 103.7

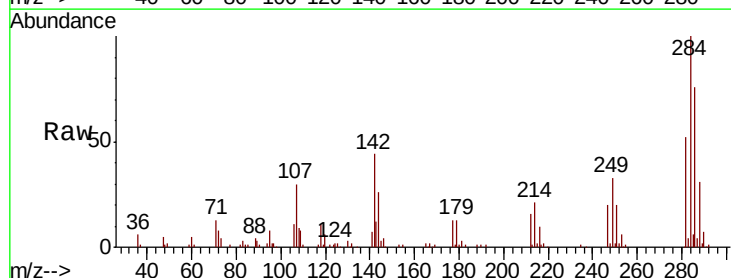


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

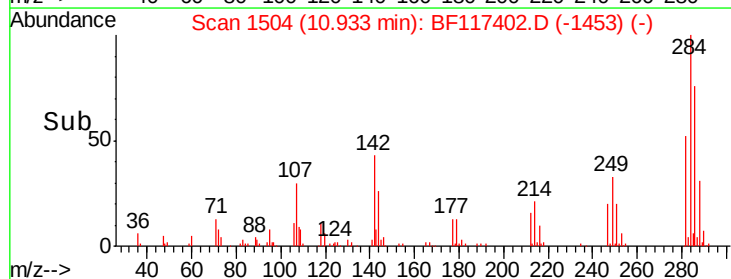
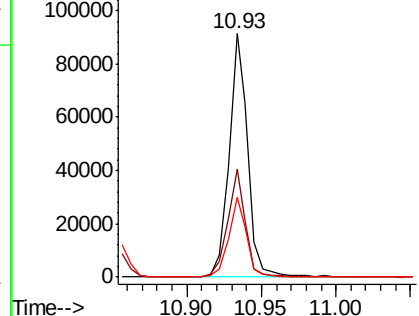


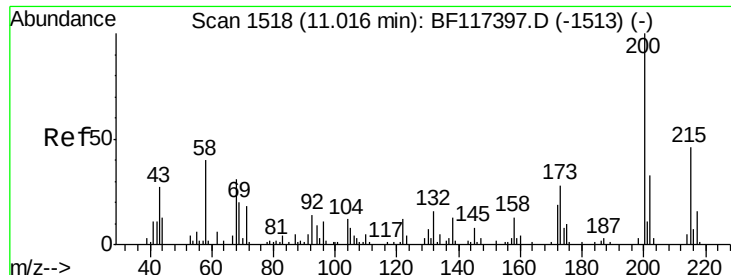
#68
 Hexachlorobenzene
 Concen: 40.279 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF117402.D
 Acq: 14 Oct 2019 16:35

Tgt Ion:284 Resp: 80504
 Ion Ratio Lower Upper
 284 100
 142 44.3 35.7 53.5
 249 32.9 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: 46.983 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101419

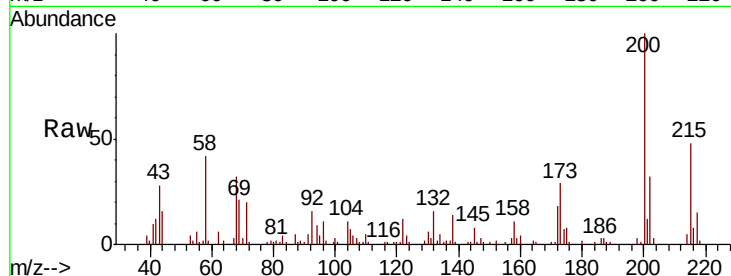
Tot Ion:200 Resp: 48290

Ion Ratio Lower Upper

200 100

173 29.1 8.0 48.0

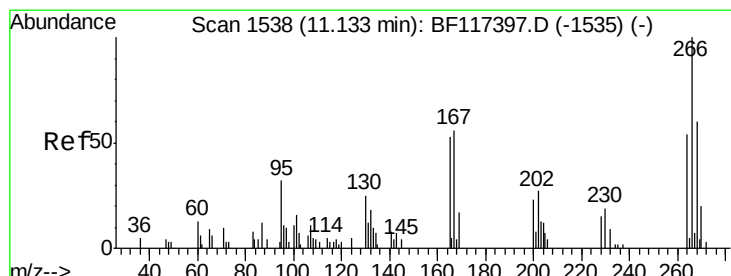
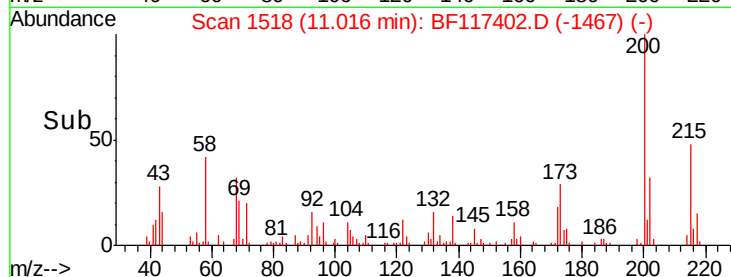
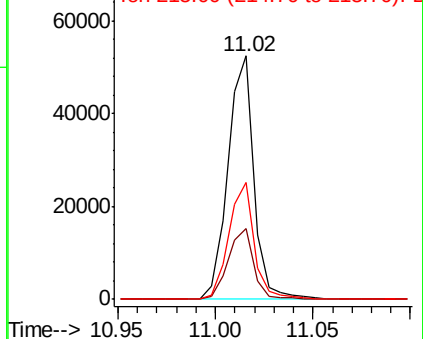
215 47.9 25.8 65.8



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: 40.086 ng

RT: 11.14 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

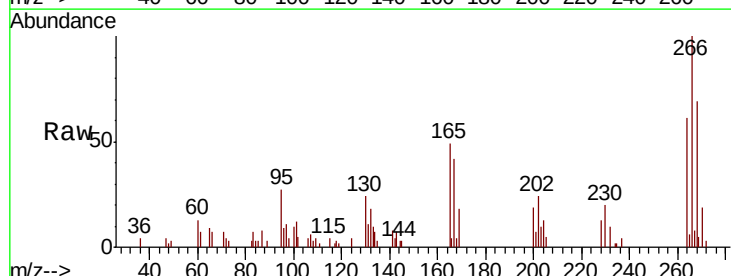
Tgt Ion:266 Resp: 23969

Ion Ratio Lower Upper

266 100

268 68.9 47.8 71.6

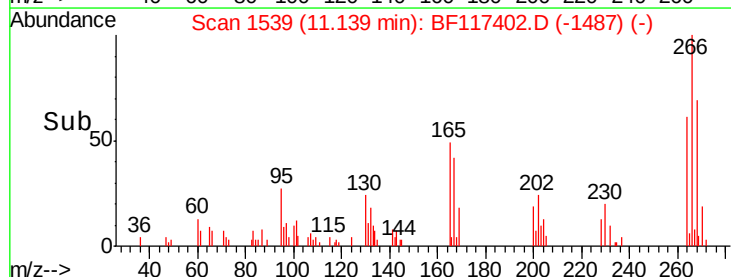
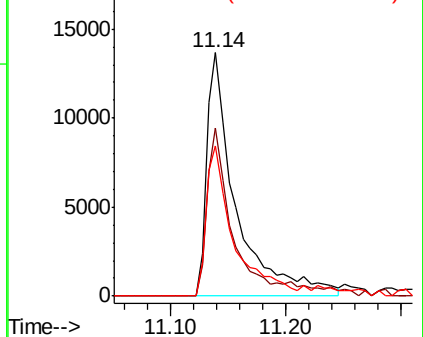
264 61.5 42.9 64.3

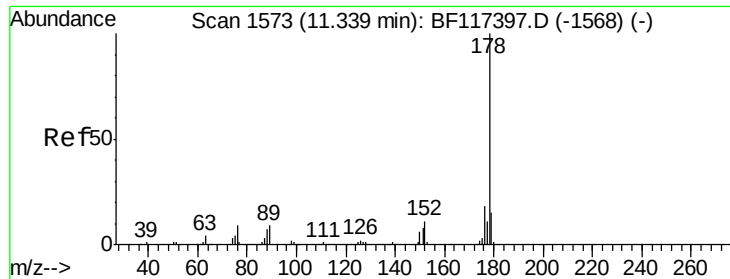


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.164 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101419

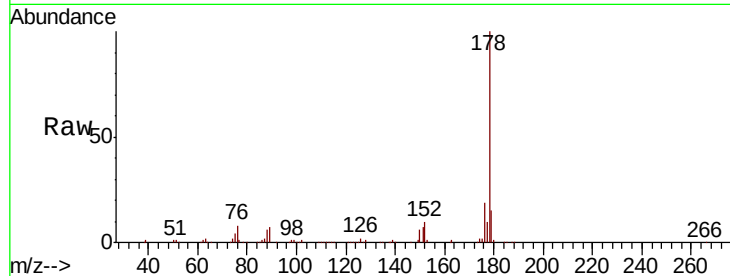
Tot Ion:178 Resp: 412890

Ion Ratio Lower Upper

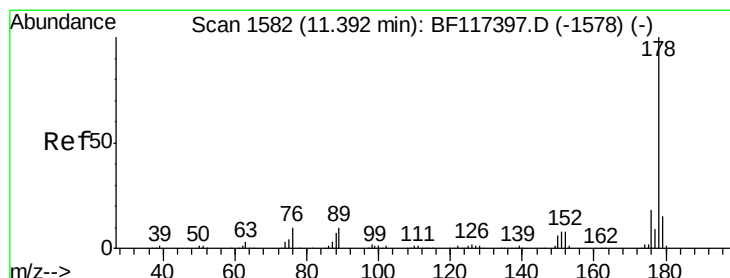
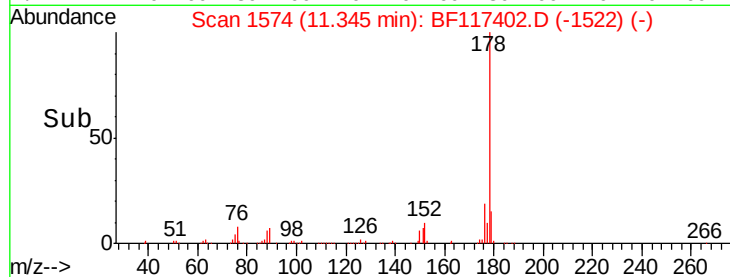
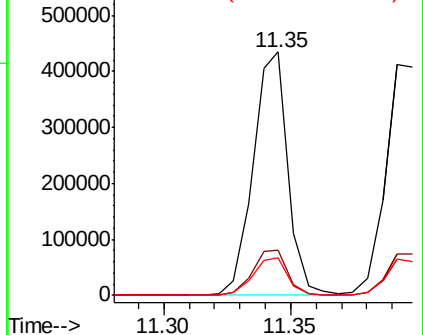
178 100

176 18.6 14.6 22.0

179 15.2 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.798 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

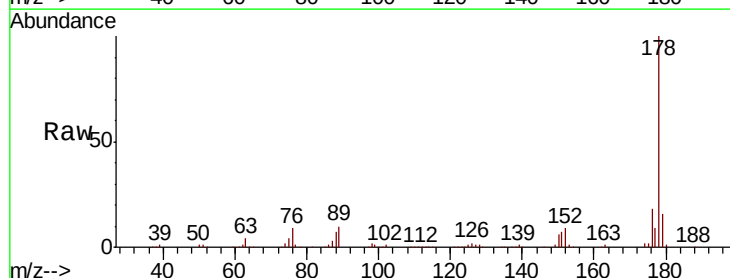
Tgt Ion:178 Resp: 432795

Ion Ratio Lower Upper

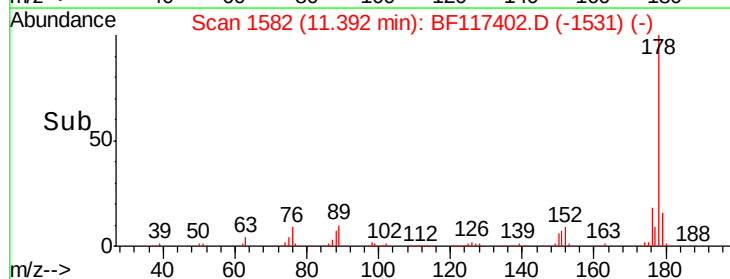
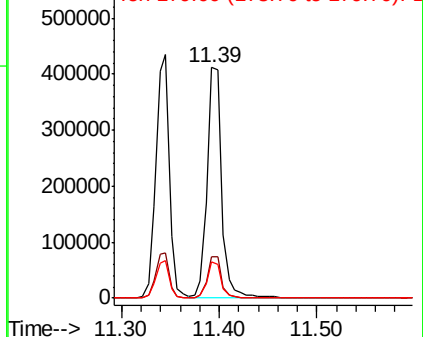
178 100

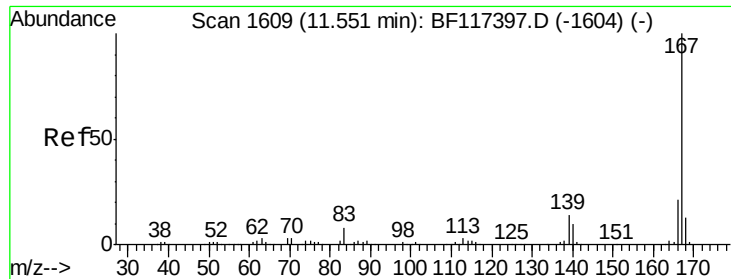
176 17.9 14.4 21.6

179 15.7 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

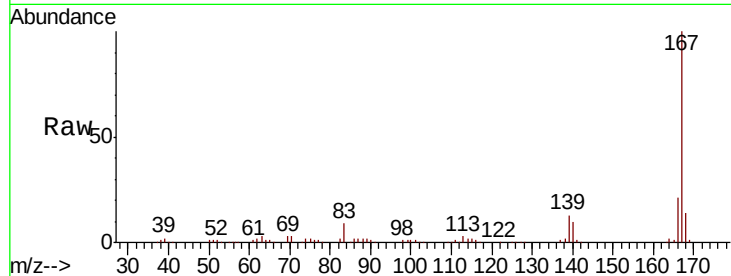




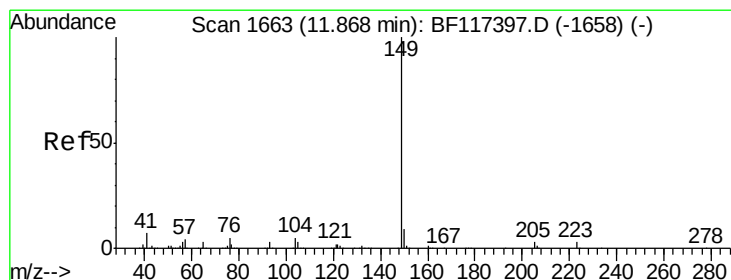
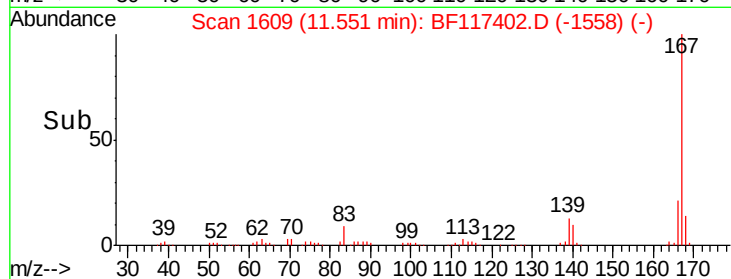
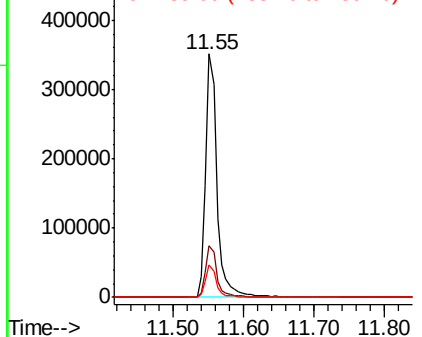
#73
 Carbazole
 Concen: 41.643 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF117402.D
 Acq: 14 Oct 2019 16:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101419

Tot Ion:167 Resp: 391673
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.4
 139 13.1 10.8 16.2

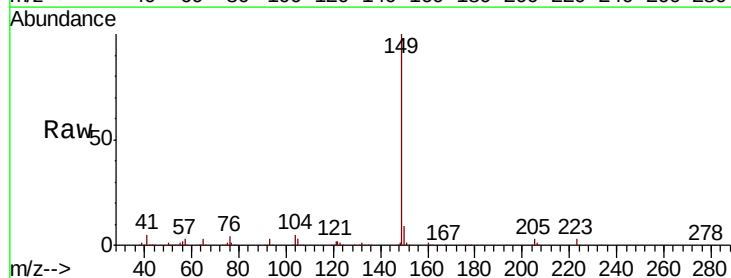


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

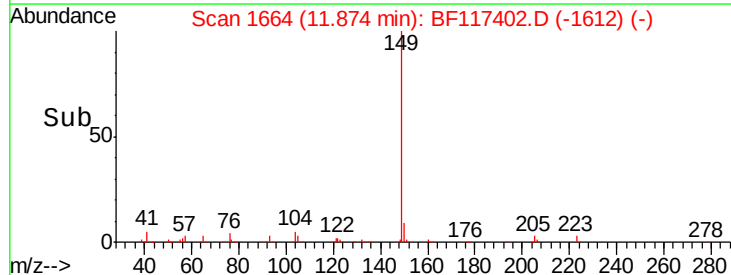
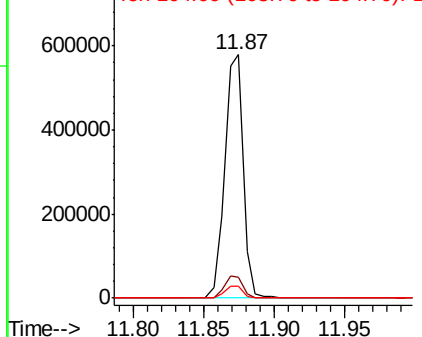


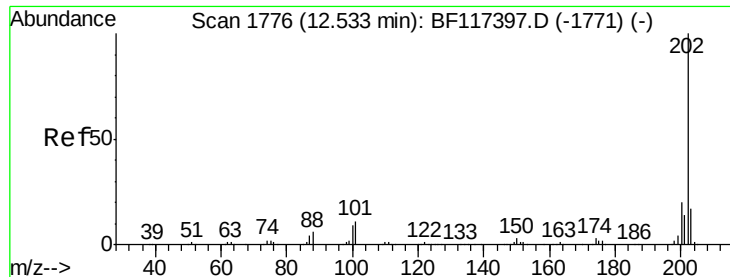
#74
 Di-n-butylphthalate
 Concen: 41.316 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: BF117402.D
 Acq: 14 Oct 2019 16:35

Tgt Ion:149 Resp: 526211
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.0 10.6
 104 4.8 4.2 6.2



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

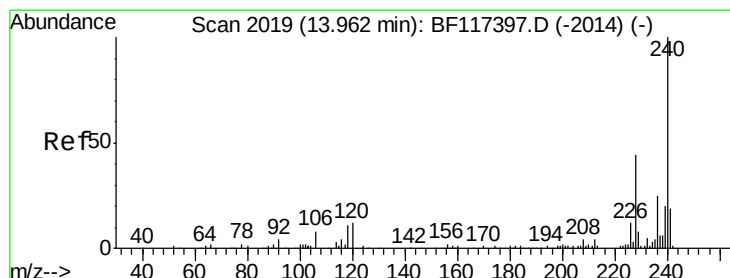
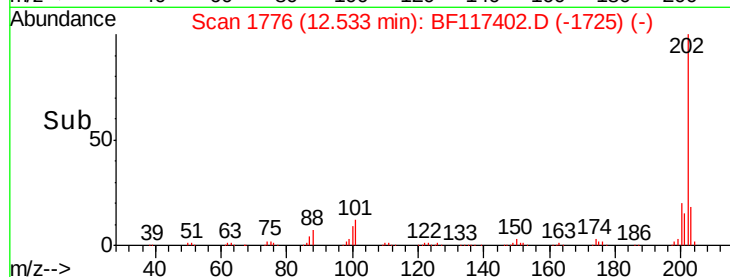
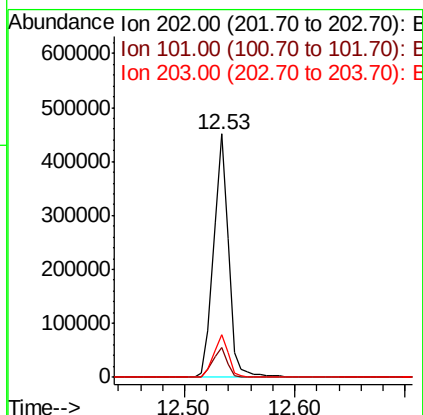
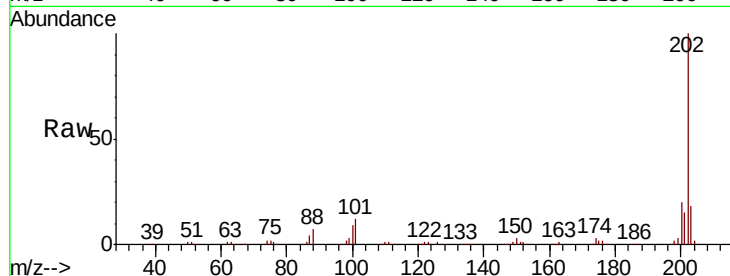




#75
 Fluoranthene
 Concen: 41.992 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF117402.D
 Acq: 14 Oct 2019 16:35

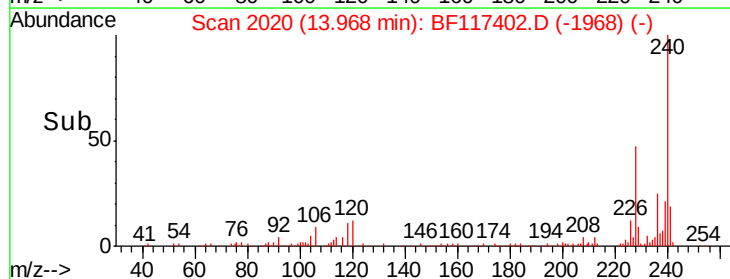
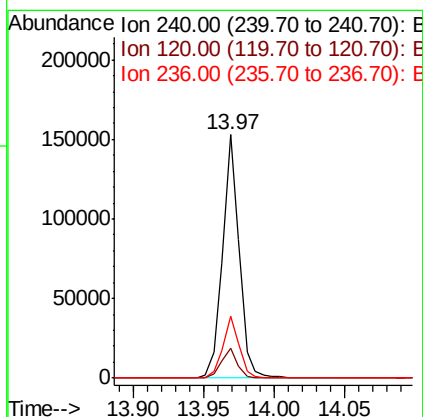
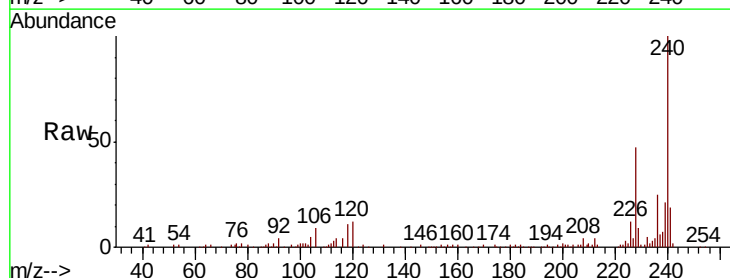
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101419

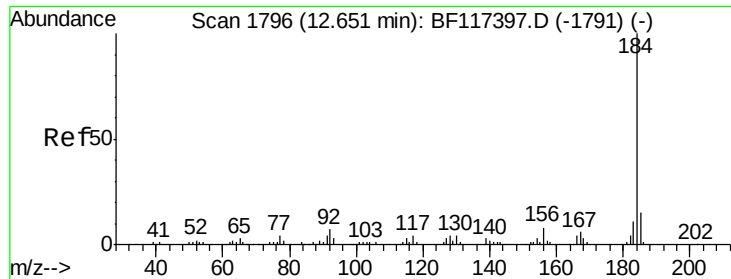
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.3
203	17.6	0.0	36.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF117402.D
 Acq: 14 Oct 2019 16:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.4	14.0
236	25.2	19.8	29.6





#77

Benzidine

Concen: 46.726 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101419

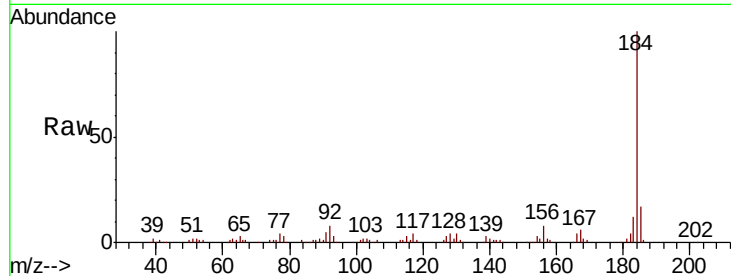
Tot Ion:184 Resp: 145284

Ion Ratio Lower Upper

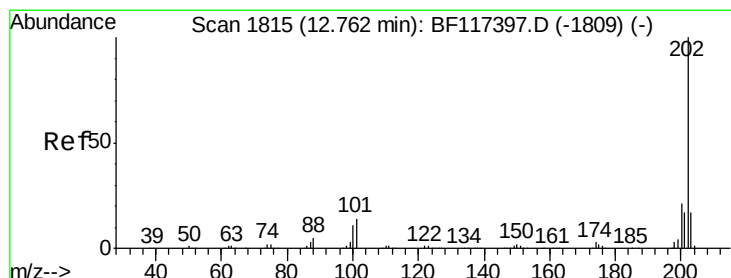
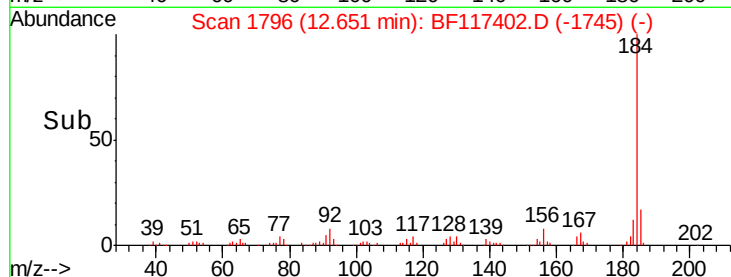
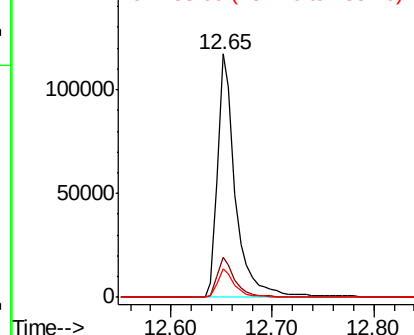
184 100

185 16.6 12.2 18.2

183 11.9 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: 38.428 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

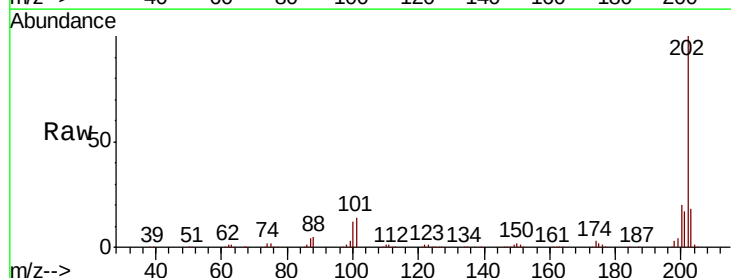
Tgt Ion:202 Resp: 427041

Ion Ratio Lower Upper

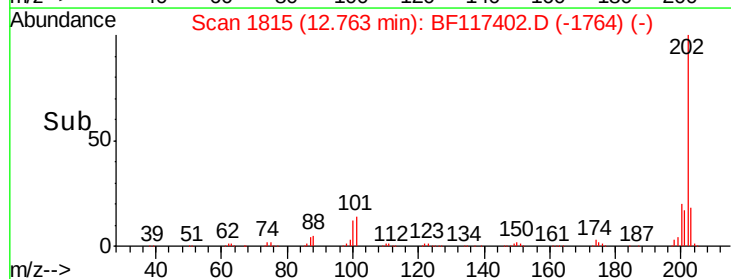
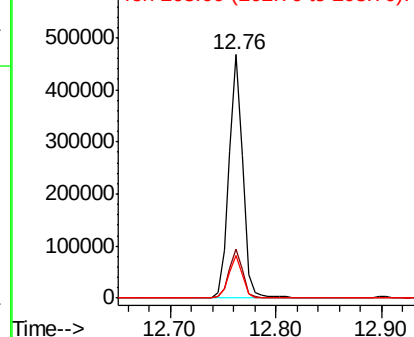
202 100

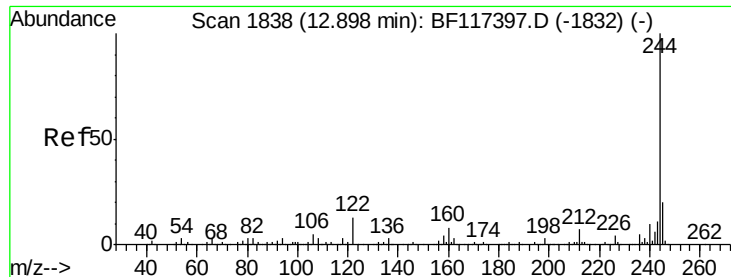
200 20.2 16.8 25.2

203 17.7 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

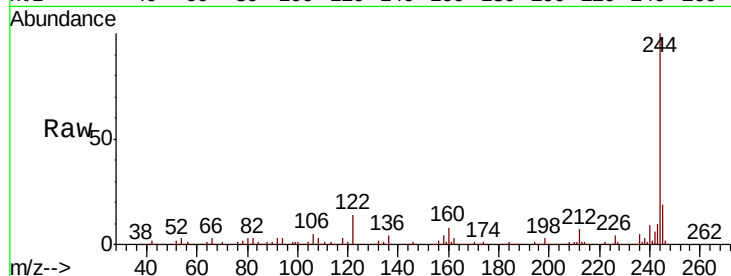




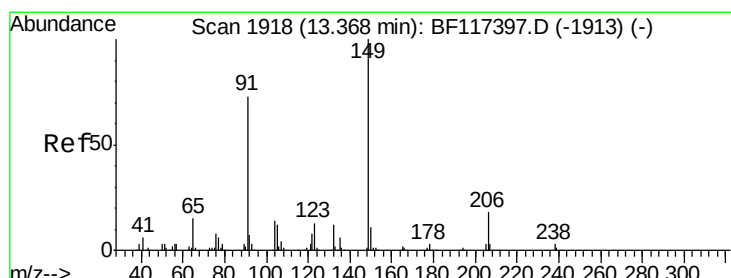
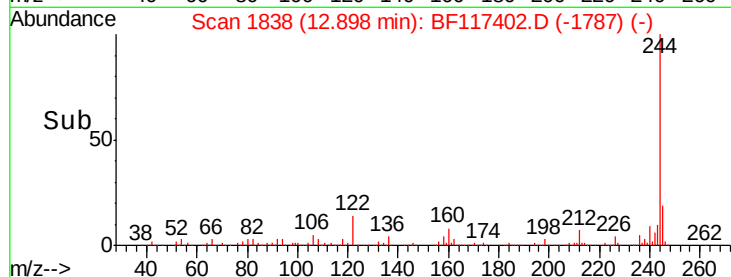
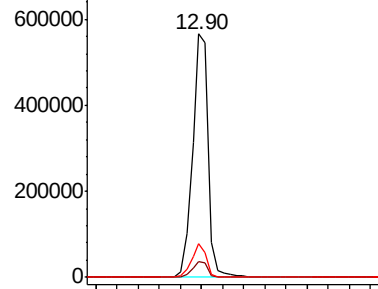
#79
 Terphenyl-d14
 Concen: 76.584 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF117402.D
 Acq: 14 Oct 2019 16:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101419

Tot Ion:244 Resp: 590617
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 13.9 10.7 16.1

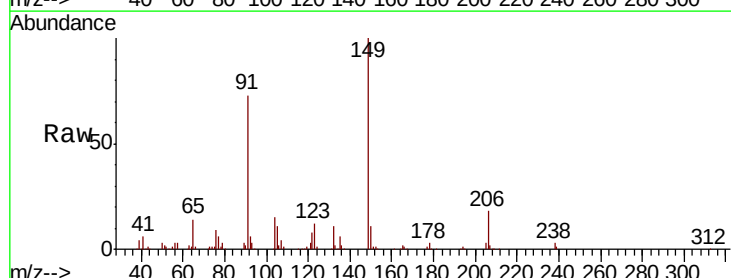


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

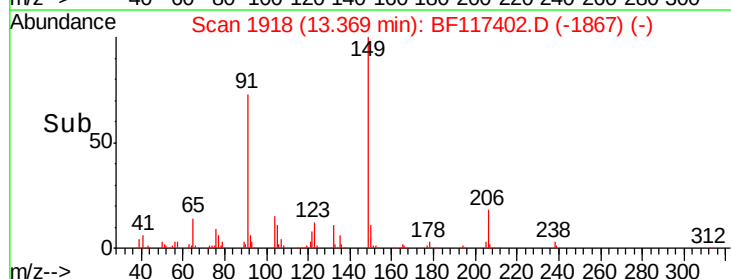
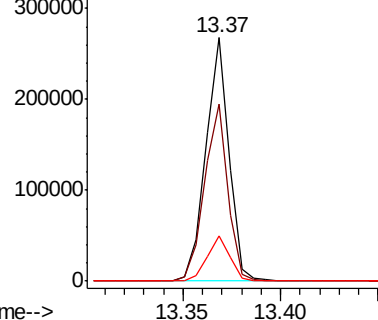


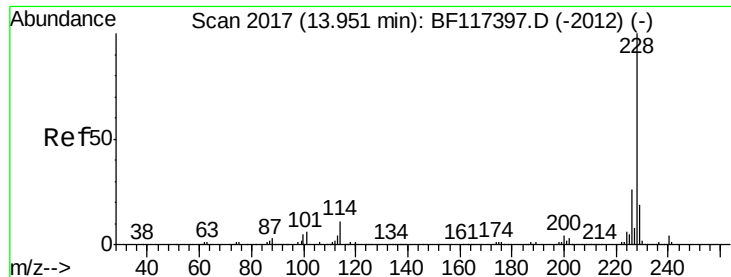
#80
 Butylbenzylphthalate
 Concen: 39.400 ng
 RT: 13.37 min Scan# 1918
 Delta R.T. 0.00 min
 Lab File: BF117402.D
 Acq: 14 Oct 2019 16:35

Tgt Ion:149 Resp: 220169
 Ion Ratio Lower Upper
 149 100
 91 73.0 58.5 87.7
 206 18.3 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: 40.516 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101419

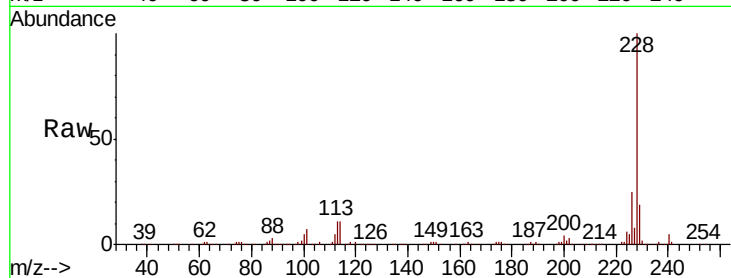
Tot Ion:228 Resp: 349491

Ion Ratio Lower Upper

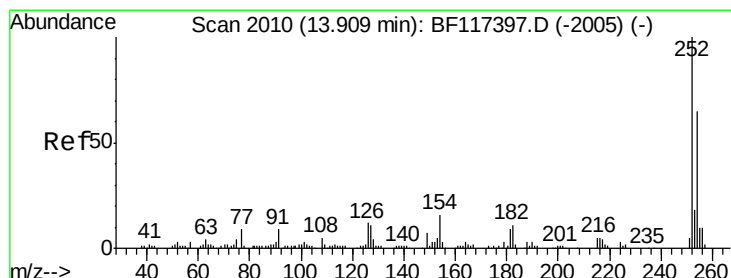
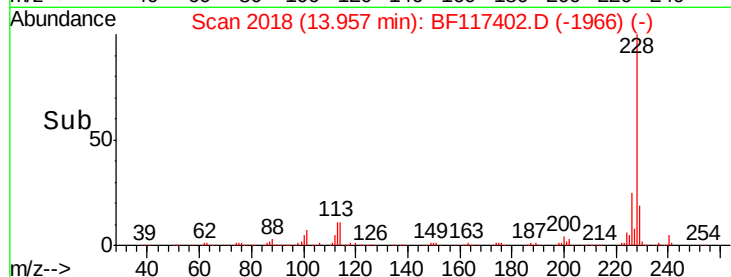
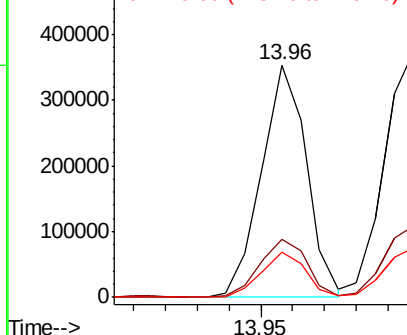
228 100

226 25.3 20.9 31.3

229 19.3 15.2 22.8



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



#82

3,3'-Dichlorobenzidine

Concen: 39.946 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

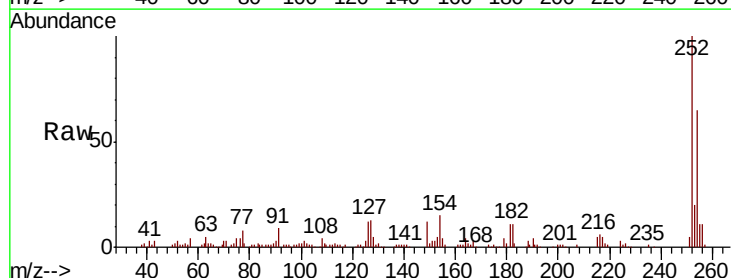
Tgt Ion:252 Resp: 108944

Ion Ratio Lower Upper

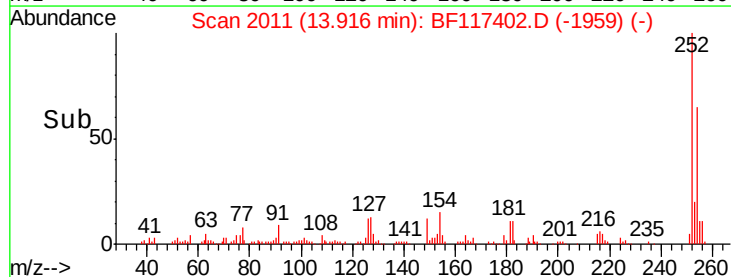
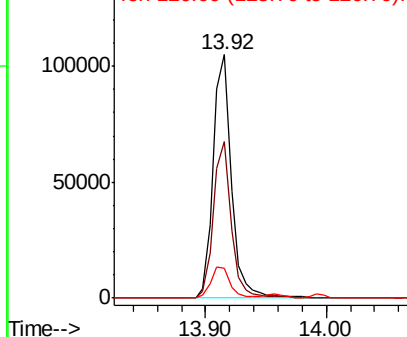
252 100

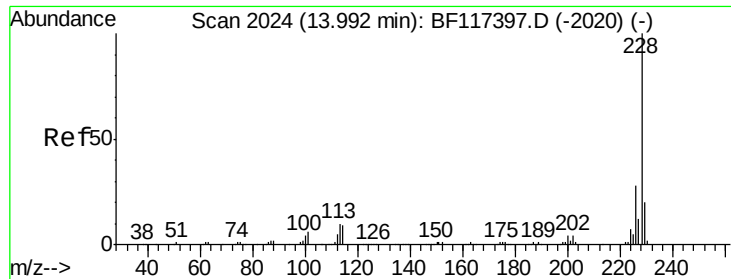
254 64.5 51.6 77.4

126 12.4 9.6 14.4



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

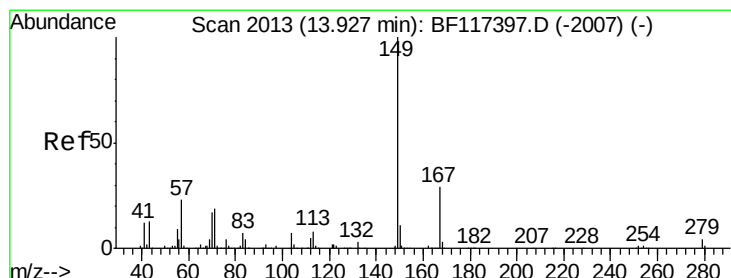
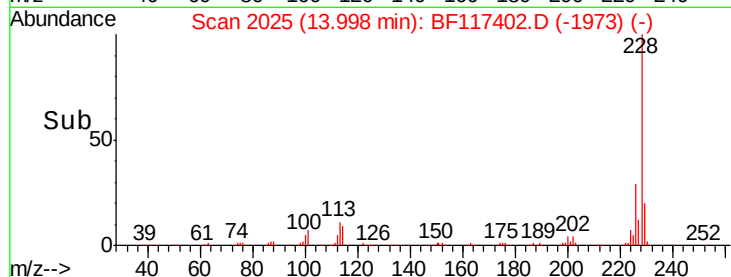
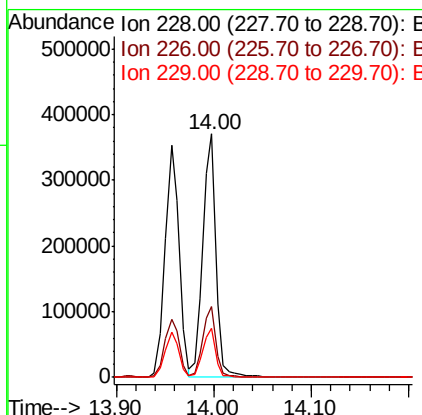
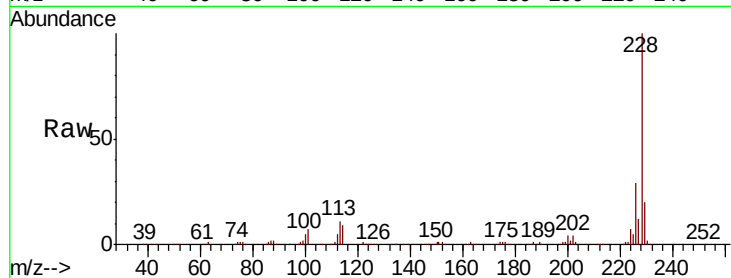




#83
 Chrysene
 Concen: 40.811 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF117402.D
 Acq: 14 Oct 2019 16:35

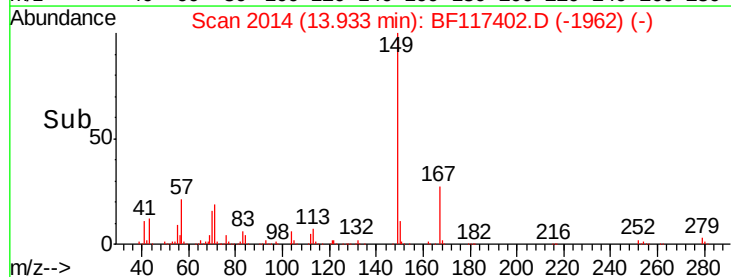
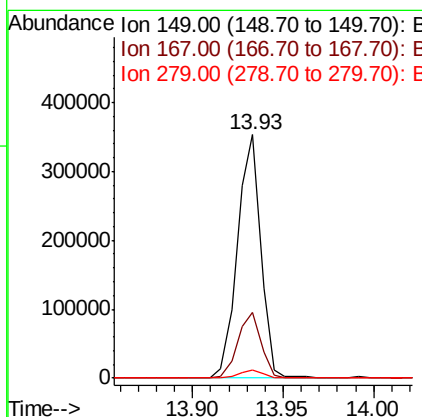
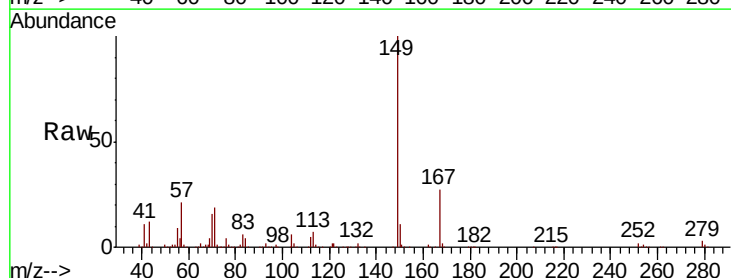
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101419

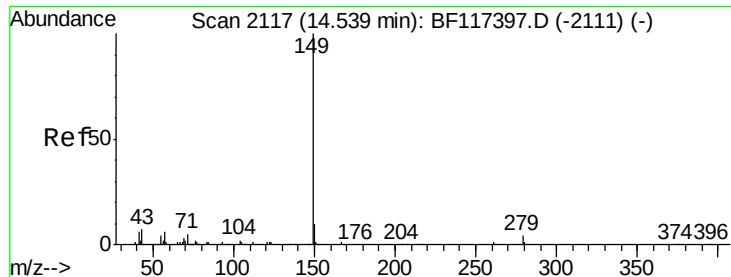
Tot Ion:228 Resp: 347167
 Ion Ratio Lower Upper
 228 100
 226 29.0 22.8 34.2
 229 20.1 15.7 23.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.307 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF117402.D
 Acq: 14 Oct 2019 16:35

Tgt Ion:149 Resp: 317574
 Ion Ratio Lower Upper
 149 100
 167 27.0 23.0 34.6
 279 3.4 3.0 4.6

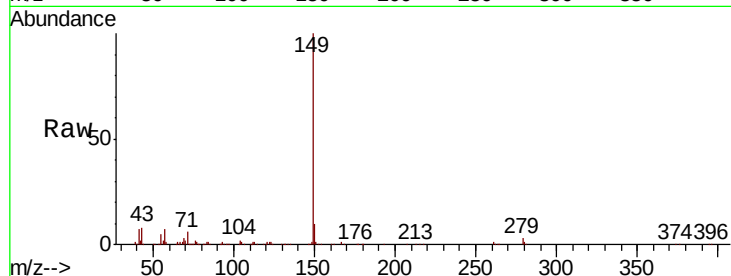




#85
Di-n-octyl phthalate
Concen: 42.438 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.02 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101419

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	8.4	6.6	9.8

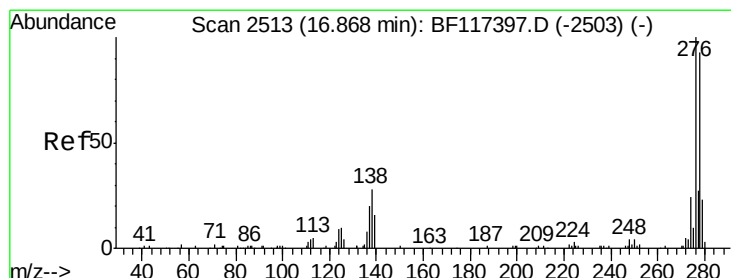
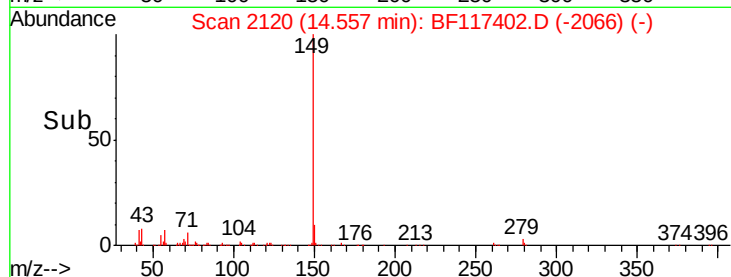
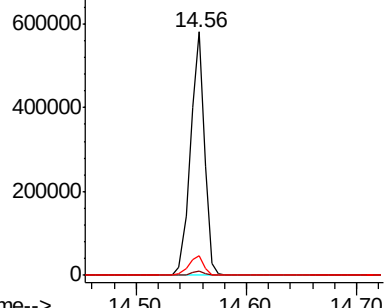


Abundance

Ion 149.00 (148.70 to 149.70): E

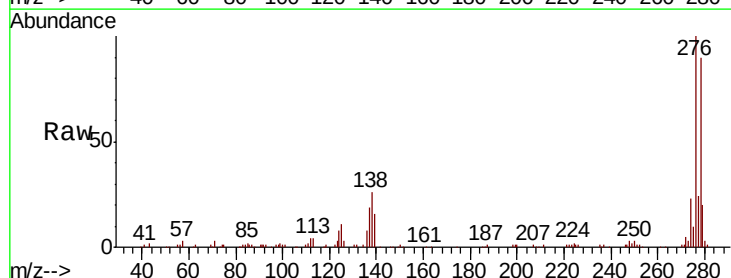
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.341 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.03 min
Lab File: BF117402.D
Acq: 14 Oct 2019 16:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.5	21.5	32.3
277	24.4	20.1	30.1

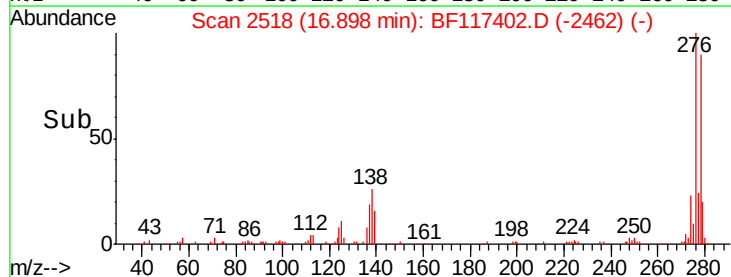
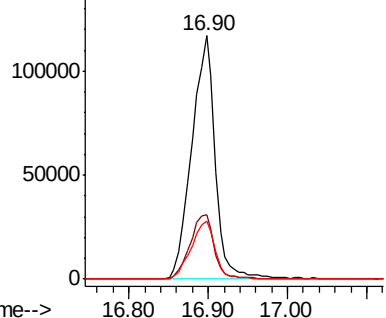


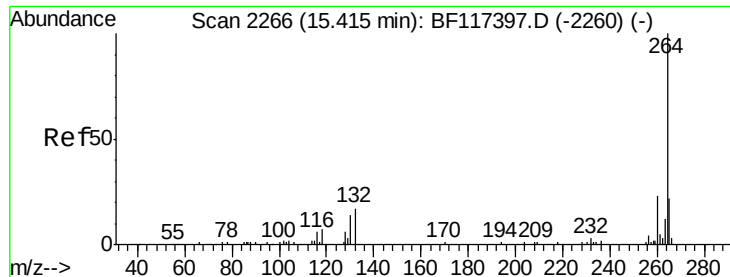
Abundance

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: 15.44 min Scan# 2270

Delta R.T. 0.02 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101419

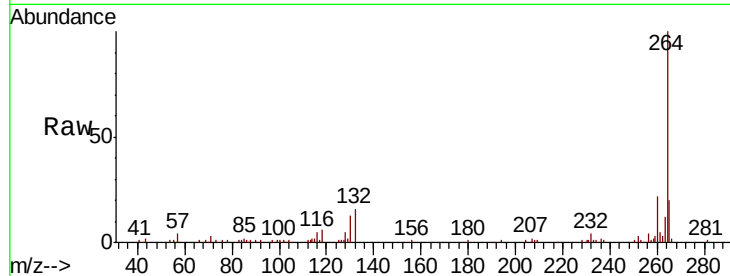
Tot Ion:264 Resp: 113756

Ion Ratio Lower Upper

264 100

260 22.5 18.6 27.8

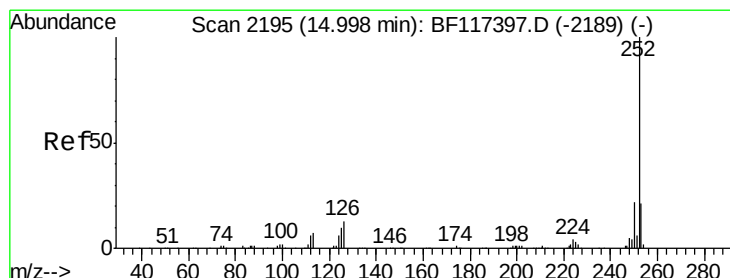
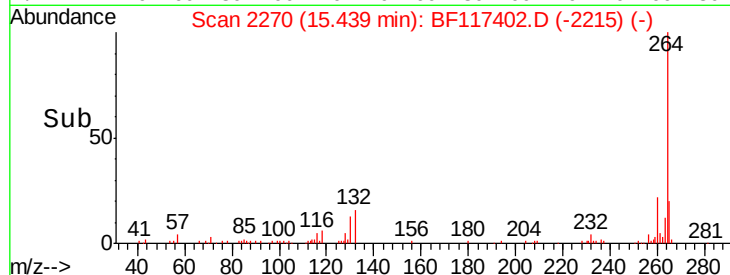
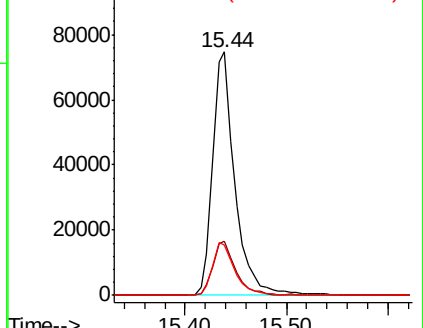
265 20.4 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.111 ng

RT: 15.02 min Scan# 2198

Delta R.T. 0.02 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

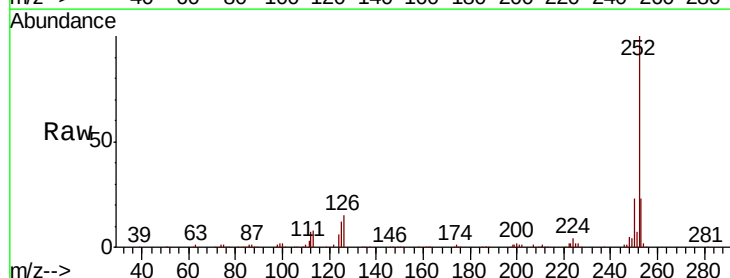
Tgt Ion:252 Resp: 298221

Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

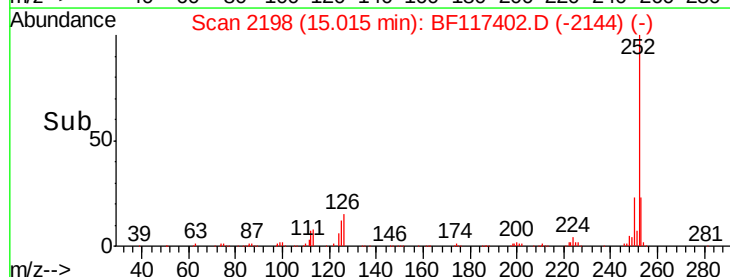
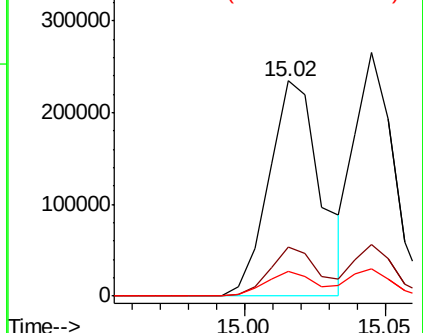
125 11.7 8.2 12.2

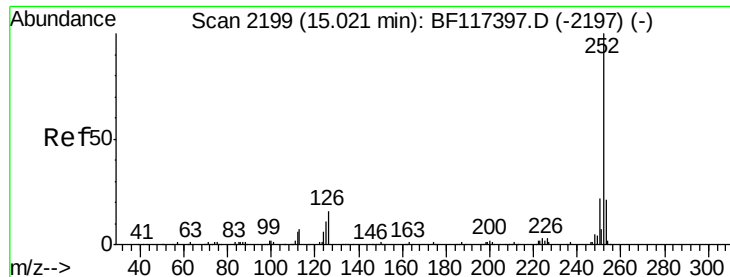


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 37.379 ng

RT: 15.04 min Scan# 2203

Delta R.T. 0.02 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101419

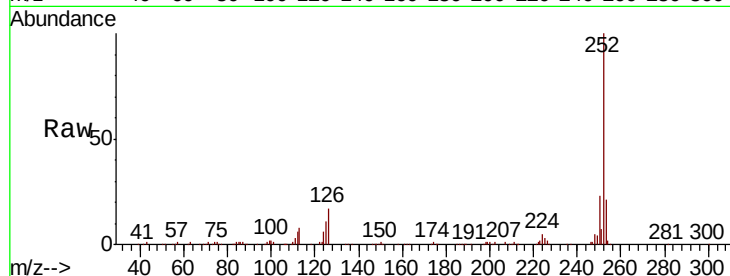
Tot Ion:252 Resp: 263072

Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

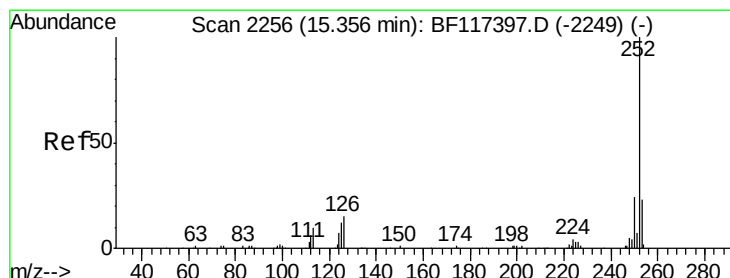
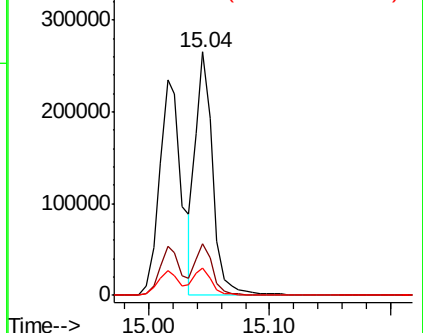
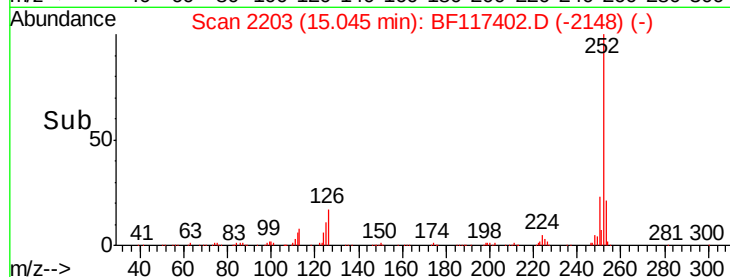
125 11.1 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.207 ng

RT: 15.38 min Scan# 2260

Delta R.T. 0.02 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

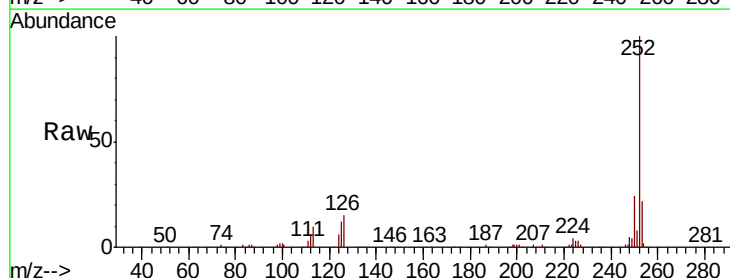
Tgt Ion:252 Resp: 252142

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

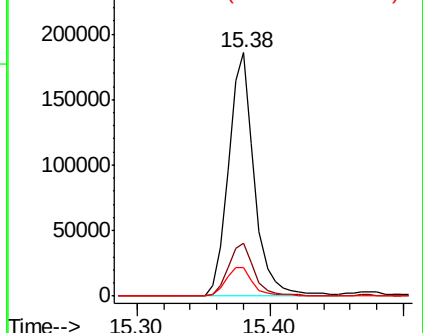
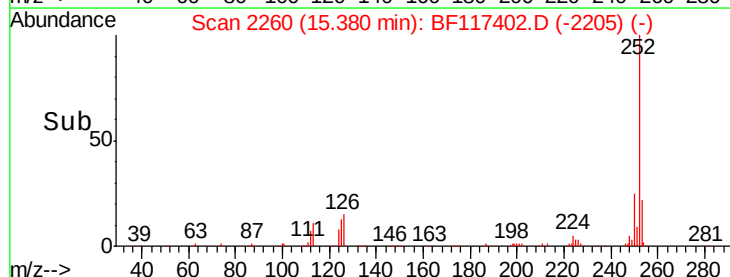
125 11.8 9.4 14.0

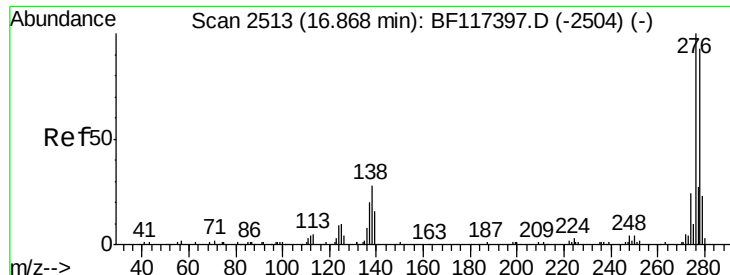


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 37.225 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.03 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101419

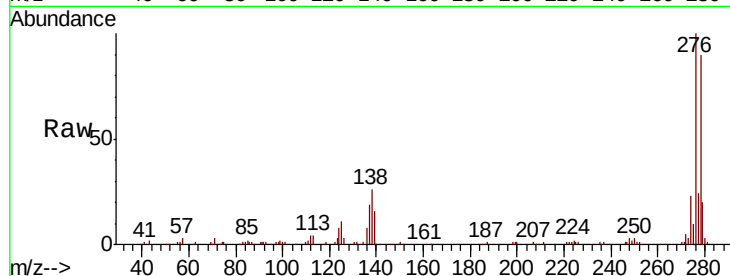
Tot Ion:278 Resp: 200036

Ion Ratio Lower Upper

278 100

139 17.8 14.1 21.1

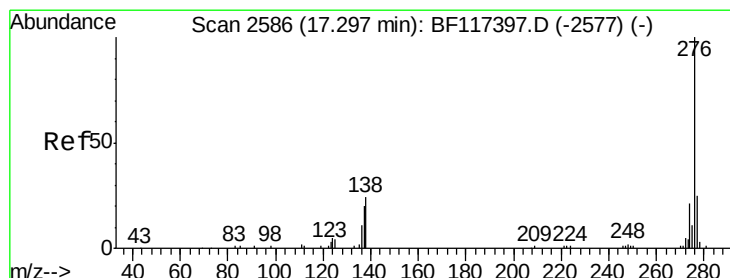
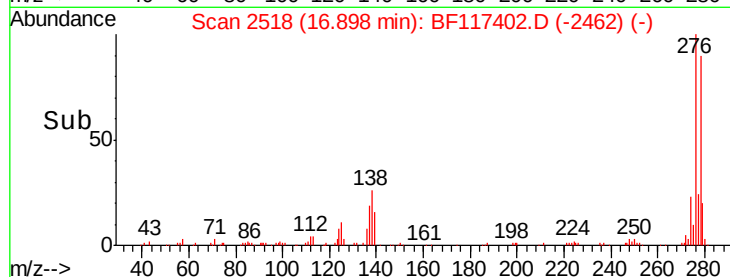
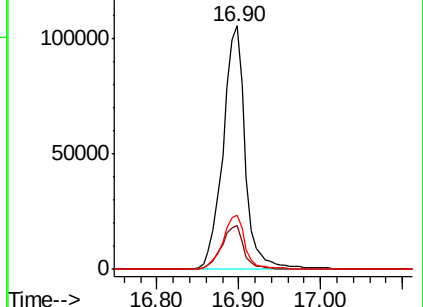
279 22.1 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 35.968 ng

RT: 17.33 min Scan# 2591

Delta R.T. 0.03 min

Lab File: BF117402.D

Acq: 14 Oct 2019 16:35

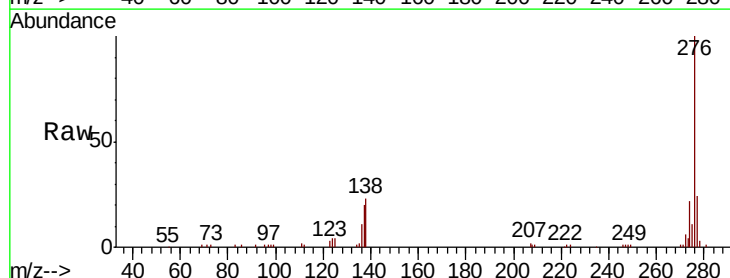
Tgt Ion:276 Resp: 183976

Ion Ratio Lower Upper

276 100

277 24.1 19.9 29.9

138 23.5 19.3 28.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

