

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073019\
 Data File : BF115845.D
 Acq On : 30 Jul 2019 16:48
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073019

Quant Time: Jul 30 18:29:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 16:54:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	142997	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	569336	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	296648	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	511794	20.00	ng	0.00
76) Chrysene-d12	14.03	240	394846	20.00	ng	0.00
87) Perylene-d12	15.49	264	382100	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	690621	80.85	ng	0.00
7) Phenol-d6	6.49	99	870122	80.74	ng	0.00
23) Nitrobenzene-d5	7.42	82	793411	80.44	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	228348	79.40	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1328196	83.86	ng	0.00
79) Terphenyl-d14	12.97	244	1400413	74.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	171814	39.815	ng	99
3) Pyridine	3.36	79	479259	39.758	ng	100
4) n-Nitrosodimethylamine	3.30	42	188214	39.565	ng	99
6) Aniline	6.52	93	623969	40.428	ng	99
8) 2-Chlorophenol	6.64	128	378645	40.087	ng	97
9) Benzaldehyde	6.40	77	294168	39.560	ng	99
10) Phenol	6.50	94	518088	40.823	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	367029	39.336	ng	99
12) 1,3-Dichlorobenzene	6.80	146	436470	39.983	ng	100
13) 1,4-Dichlorobenzene	6.87	146	438614	40.129	ng	97
14) 1,2-Dichlorobenzene	7.03	146	410313	40.769	ng	100
15) Benzyl Alcohol	7.00	79	335908	41.071	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	504574	39.646	ng	99
17) 2-Methylphenol	7.11	107	316493	39.571	ng	99
18) Hexachloroethane	7.37	117	159670	39.677	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	261235	39.117	ng	99
20) 3+4-Methylphenols	7.26	107	387452	40.936	ng	# 79
22) Acetophenone	7.26	105	512063	41.010	ng	99
24) Nitrobenzene	7.43	77	433831	40.735	ng	99
25) Isophorone	7.67	82	743926	39.445	ng	99
26) 2-Nitrophenol	7.75	139	203881	40.612	ng	100
27) 2,4-Dimethylphenol	7.79	122	305478	40.445	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	467825	40.020	ng	99
29) 2,4-Dichlorophenol	7.99	162	324409	40.679	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	368283	40.513	ng	99
31) Naphthalene	8.16	128	1089664	40.672	ng	99
32) Benzoic acid	7.92	122	206485	38.777	ng	99
33) 4-Chloroaniline	8.20	127	480440	40.134	ng	98
34) Hexachlorobutadiene	8.28	225	208699	39.858	ng	99
35) Caprolactam	8.58	113	102938	39.910	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	331055	39.904	ng	98
37) 2-Methylnaphthalene	8.85	142	718901	40.743	ng	99
38) 1-Methylnaphthalene	8.95	142	678876	40.669	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	325757	41.076	ng	100

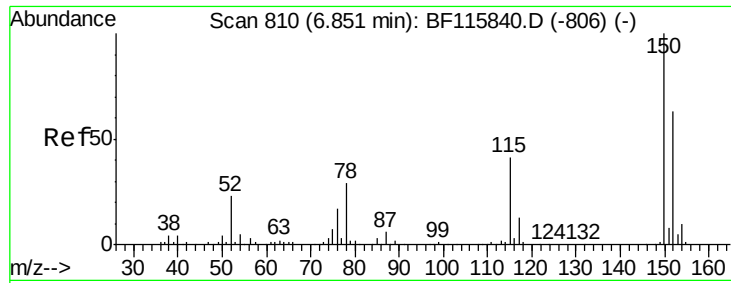
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073019\
 Data File : BF115845.D
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 Operator : HP/JU
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 QLast Update : Tue Jul 30 16:54:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	129773	39.674	ng	100
43) 2,4,6-Trichlorophenol	9.13	196	223529	40.949	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	227973	40.401	ng	98
46) 1,1'-Biphenyl	9.32	154	862700	41.192	ng	99
47) 2-Chloronaphthalene	9.35	162	710846	40.781	ng	100
48) 2-Nitroaniline	9.44	65	235489	40.872	ng	95
49) Acenaphthylene	9.76	152	1054492	41.466	ng	99
50) Dimethylphthalate	9.62	163	792783	39.250	ng	99
51) 2,6-Dinitrotoluene	9.68	165	175769	40.043	ng	96
52) Acenaphthene	9.93	154	640152	41.033	ng	100
53) 3-Nitroaniline	9.85	138	216877	39.987	ng	97
54) 2,4-Dinitrophenol	9.96	184	74897	38.084	ng	97
55) Dibenzofuran	10.10	168	938329	41.358	ng	99
56) 4-Nitrophenol	10.01	139	141564	40.744	ng	99
57) 2,4-Dinitrotoluene	10.09	165	236306	40.434	ng	99
58) Fluorene	10.45	166	714179	40.914	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	191113	40.257	ng	99
60) Diethylphthalate	10.32	149	741929	39.343	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	358809	40.587	ng	96
62) 4-Nitroaniline	10.46	138	223006	39.786	ng	98
63) Azobenzene	10.60	77	782142	40.324	ng	96
65) 4,6-Dinitro-2-methylphenol	10.50	198	109327	40.310	ng	97
66) n-Nitrosodiphenylamine	10.56	169	626154	40.648	ng	100
67) 4-Bromophenyl-phenylether	10.93	248	220888	40.317	ng	94
68) Hexachlorobenzene	11.00	284	252779	39.900	ng	96
69) Atrazine	11.08	200	196724	38.819	ng	100
70) Pentachlorophenol	11.19	266	123843	40.264	ng	98
71) Phenanthrene	11.41	178	1066355	40.757	ng	100
72) Anthracene	11.46	178	1080095	40.790	ng	99
73) Carbazole	11.62	167	978655	40.738	ng	99
74) Di-n-butylphthalate	11.94	149	1102309	39.334	ng	99
75) Fluoranthene	12.60	202	1105955	40.376	ng	99
77) Benzidine	12.72	184	514853	38.596	ng	99
78) Pyrene	12.83	202	1131927	38.030	ng	99
80) Butylbenzylphthalate	13.44	149	467679	37.146	ng	99
81) Benzo(a)anthracene	14.02	228	1007628	39.926	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	350732	40.002	ng	99
83) Chrysene	14.06	228	966377	39.442	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	608613	37.199	ng	99
85) Di-n-octyl phthalate	14.62	149	996592	38.349	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	805806	39.158	ng	100
88) Benzo(b)fluoranthene	15.07	252	869114	39.338	ng	96
89) Benzo(k)fluoranthene	15.10	252	876514	40.732	ng	99
90) Benzo(a)pyrene	15.43	252	789456	39.973	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	666587	38.992	ng	98
92) Benzo(g,h,i)perylene	17.42	276	629342	37.484	ng	99

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

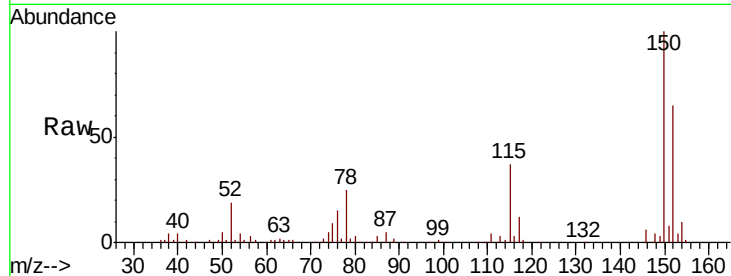


#1

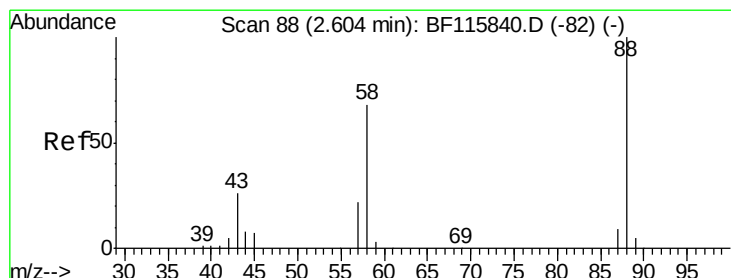
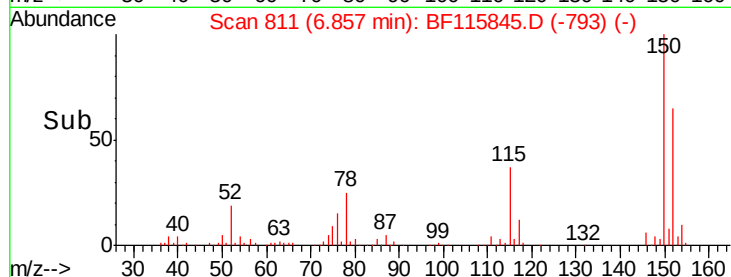
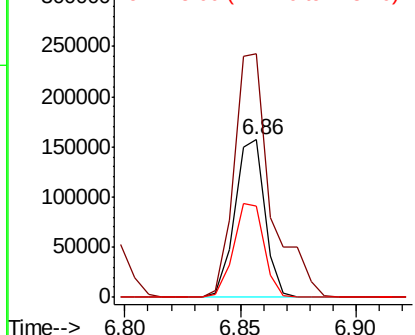
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

Instrument :
BNA_F
ClientSampleId :
ICVBF073019

Tot Ion:152 Resp: 142997
Ion Ratio Lower Upper
152 100
150 154.7 127.4 191.0
115 57.7 51.8 77.8



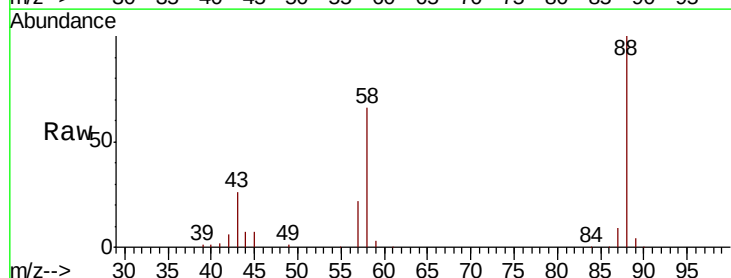
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



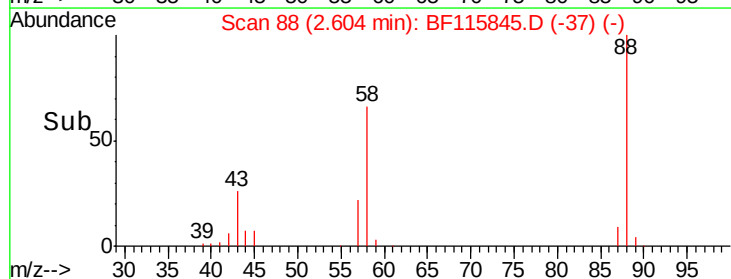
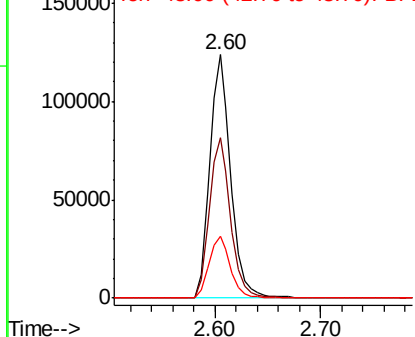
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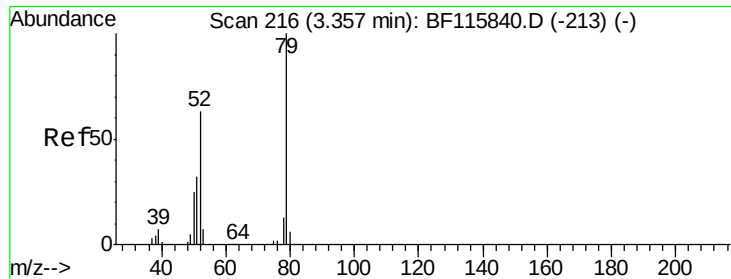
1,4-Dioxane
Concen: 39.815 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.00 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

Tgt Ion: 88 Resp: 171814
Ion Ratio Lower Upper
88 100
58 66.7 54.1 81.1
43 25.8 20.7 31.1



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

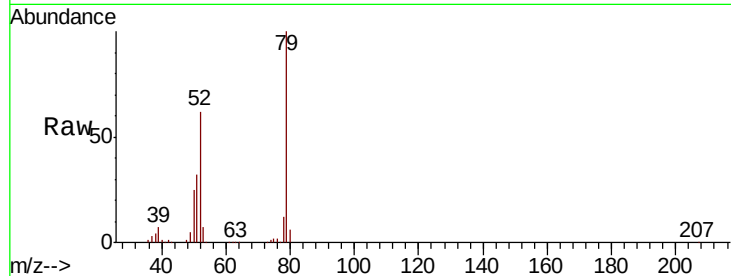




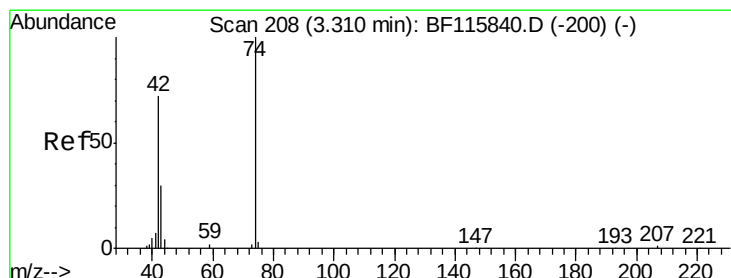
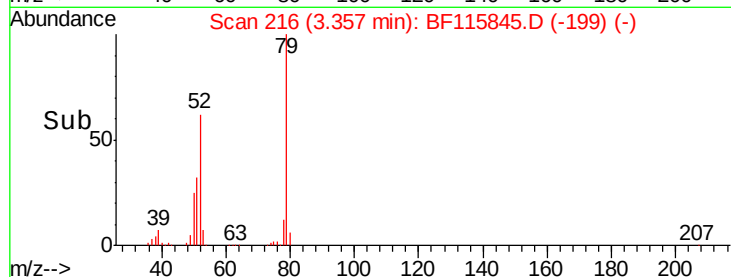
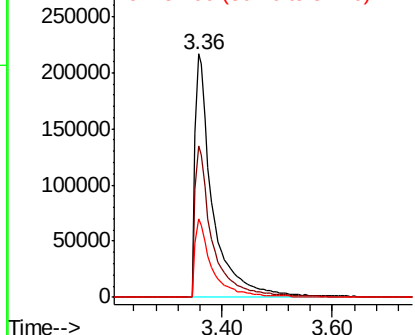
#3
 Pvridine
 Concen: 39.758 ng
 RT: 3.36 min Scan# 216
 Delta R.T. 0.00 min
 Lab File: BF115845.D
 Acq: 30 Jul 2019 16:48

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073019

Tot Ion: 79 Resp: 479259
 Ion Ratio Lower Upper
 79 100
 52 62.4 50.2 75.4
 51 32.0 25.8 38.6

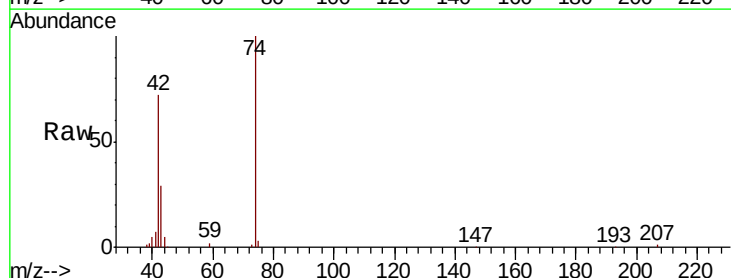


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

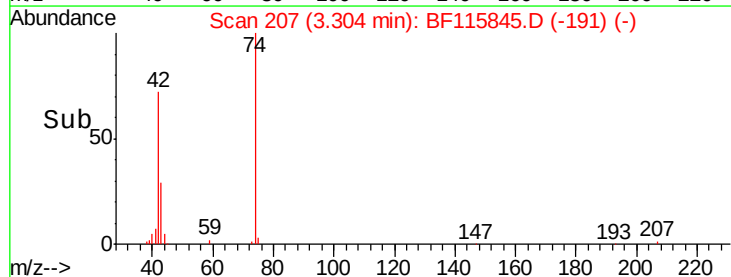
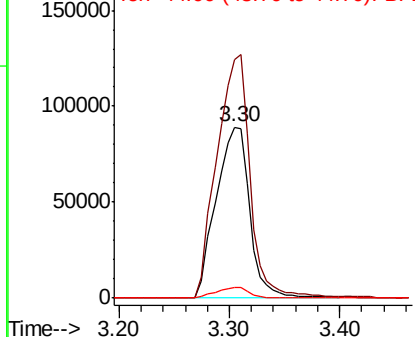


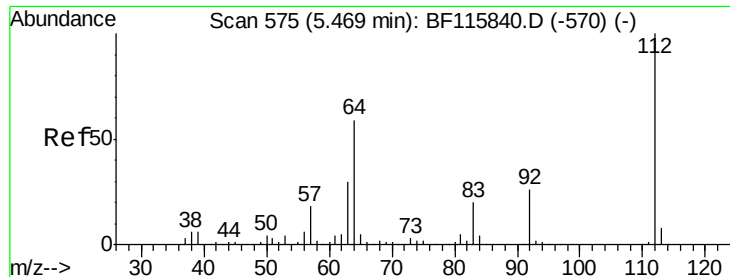
#4
 n-Nitrosodimethylamine
 Concen: 39.565 ng
 RT: 3.30 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: BF115845.D
 Acq: 30 Jul 2019 16:48

Tgt Ion: 42 Resp: 188214
 Ion Ratio Lower Upper
 42 100
 74 139.4 111.0 166.4
 44 6.3 4.7 7.1



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: 80.851 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

Instrument :

BNA_F

ClientSampleId :

ICVBF073019

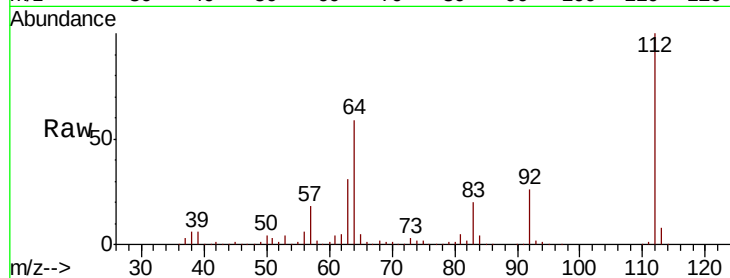
Tot Ion:112 Resp: 690621

Ion Ratio Lower Upper

112 100

64 59.3 46.8 70.2

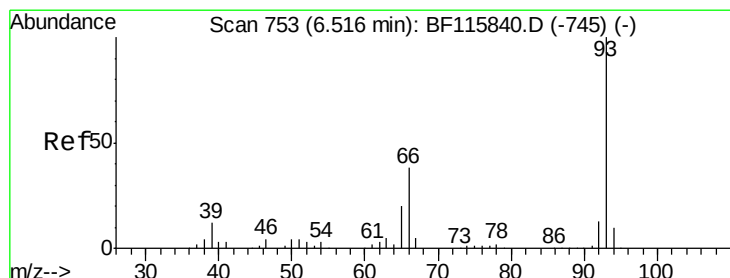
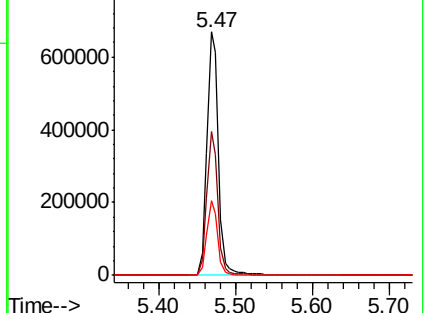
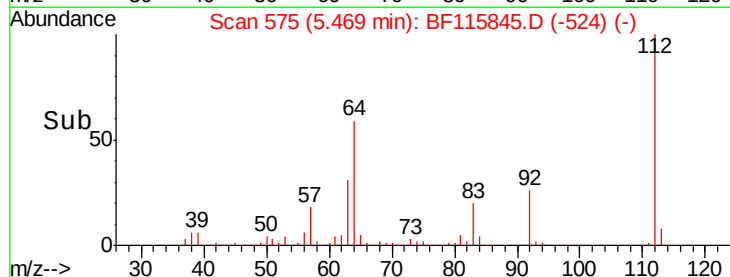
63 30.9 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.428 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

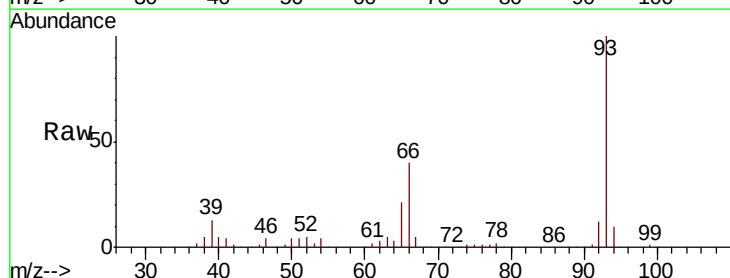
Tgt Ion: 93 Resp: 623969

Ion Ratio Lower Upper

93 100

66 39.6 31.4 47.0

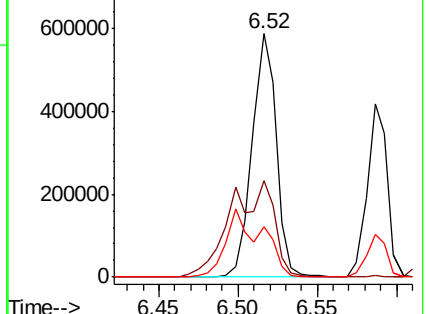
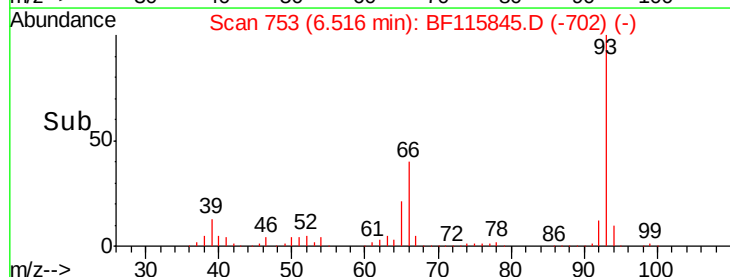
65 20.8 16.5 24.7

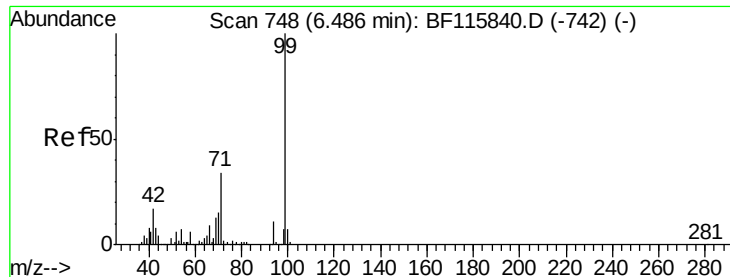


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.738 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

Instrument :

BNA_F

ClientSampleId :

ICVBF073019

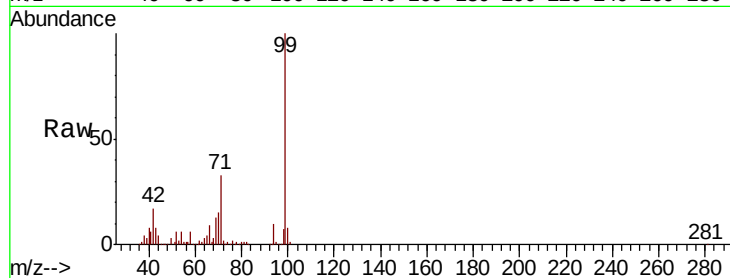
Tot Ion: 99 Resp: 870122

Ion Ratio Lower Upper

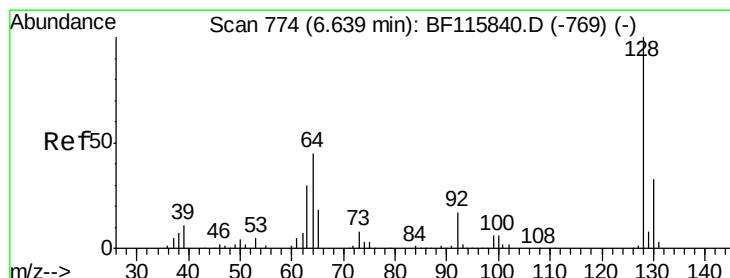
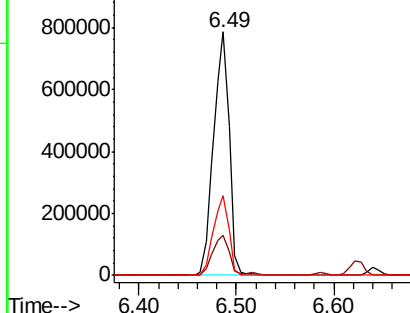
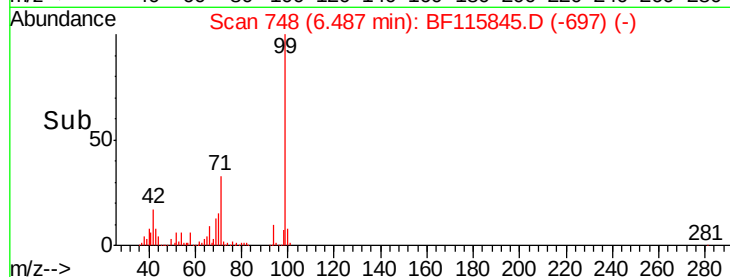
99 100

42 16.7 13.8 20.6

71 33.0 27.1 40.7



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: 40.087 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

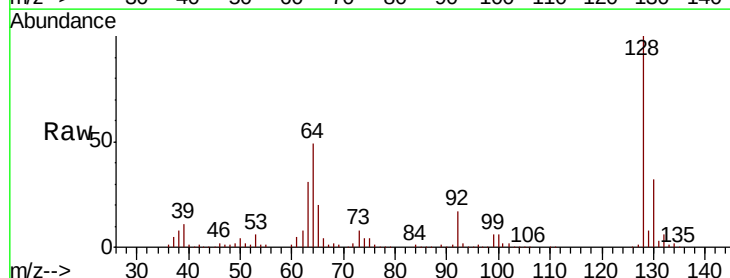
Tgt Ion: 128 Resp: 378645

Ion Ratio Lower Upper

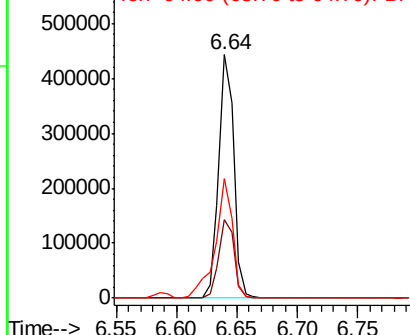
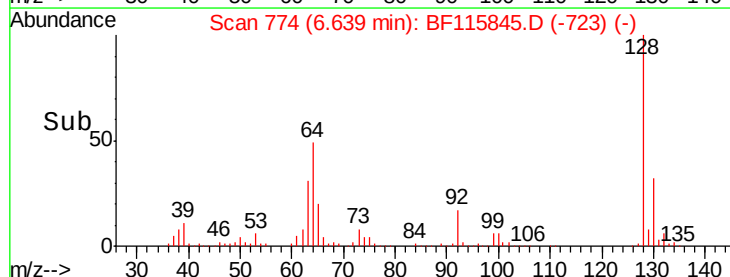
128 100

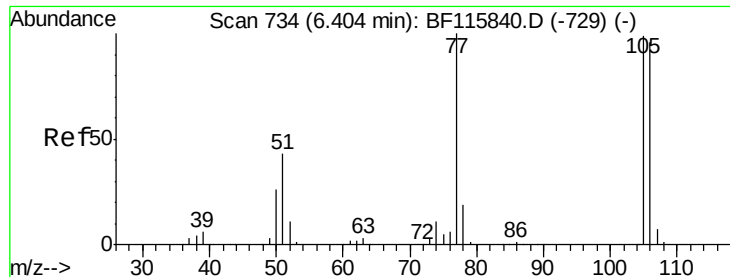
130 32.3 12.9 52.9

64 48.8 26.1 66.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.560 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

Instrument :

BNA_F

ClientSampleId :

ICVBF073019

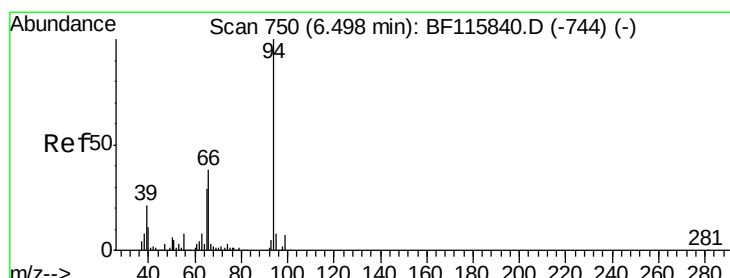
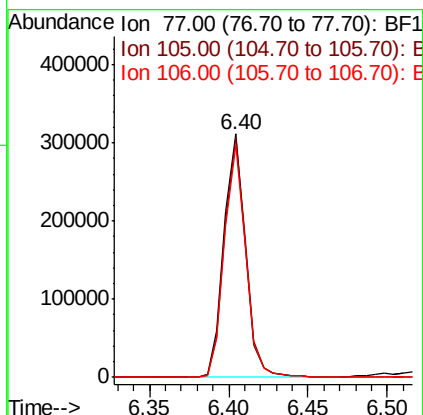
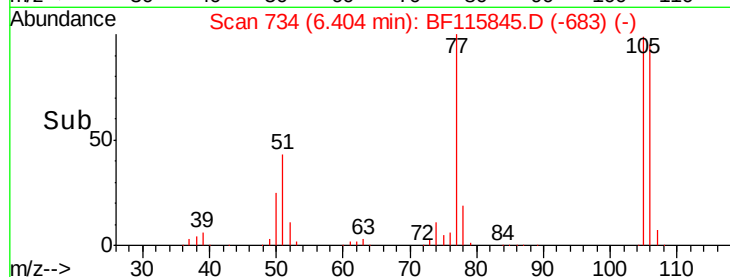
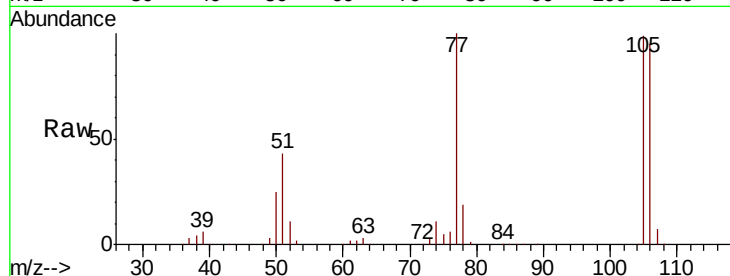
Tot Ion: 77 Resp: 294168

Ion Ratio Lower Upper

77 100

105 98.7 79.0 119.0

106 95.3 76.2 116.2



#10

Phenol

Concen: 40.823 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

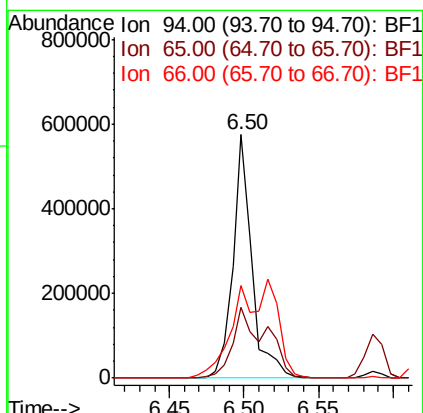
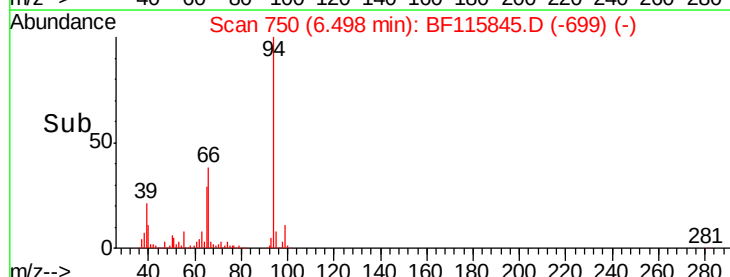
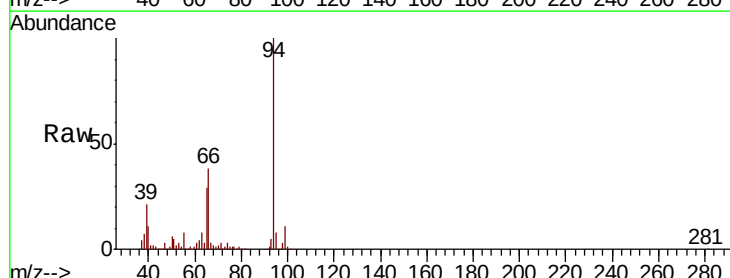
Tgt Ion: 94 Resp: 518088

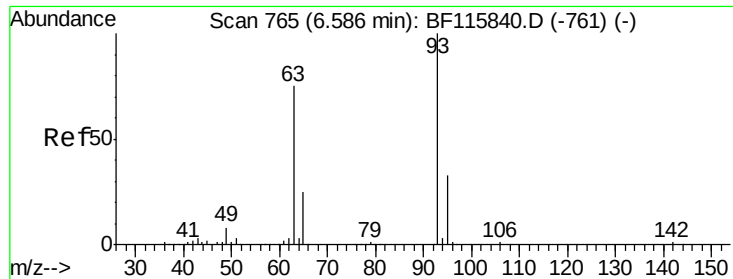
Ion Ratio Lower Upper

94 100

65 28.9 8.9 48.9

66 38.0 18.0 58.0

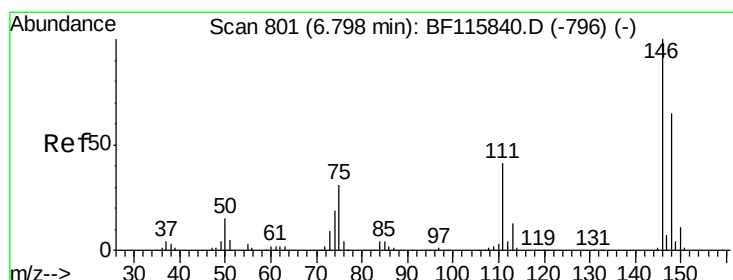
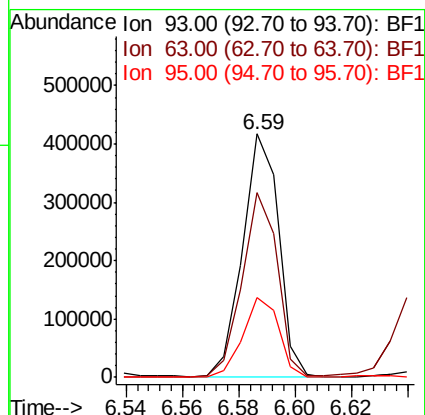
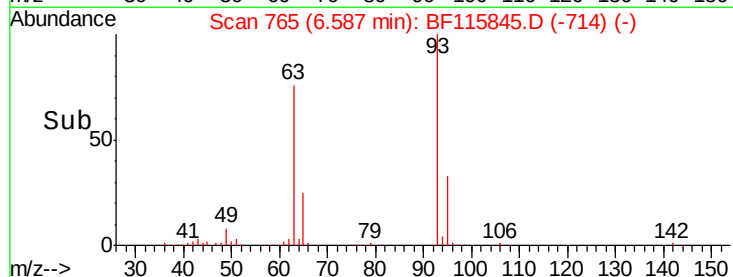
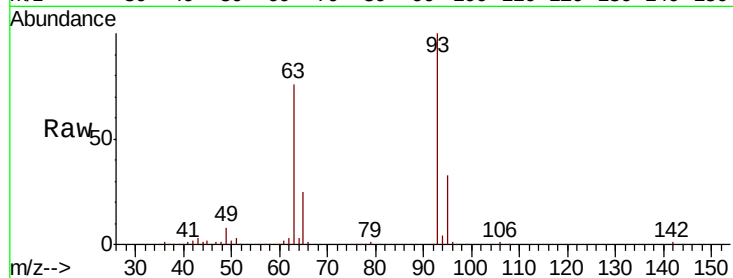




#11
bis(2-Chloroethyl)ether
Concen: 39.336 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

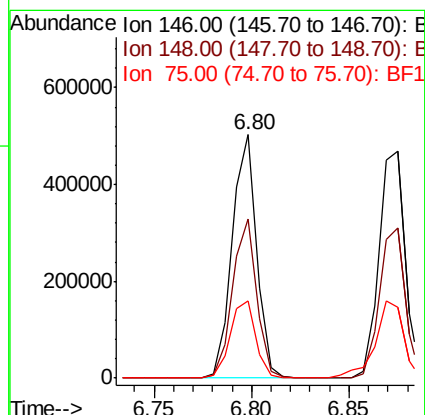
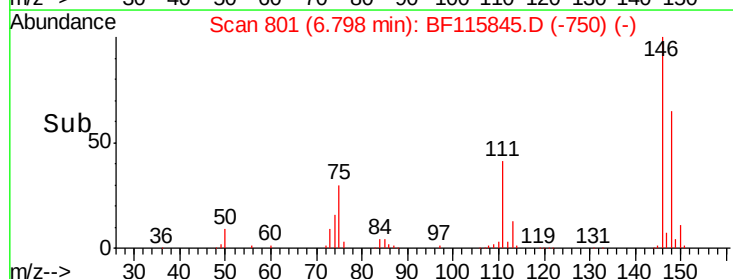
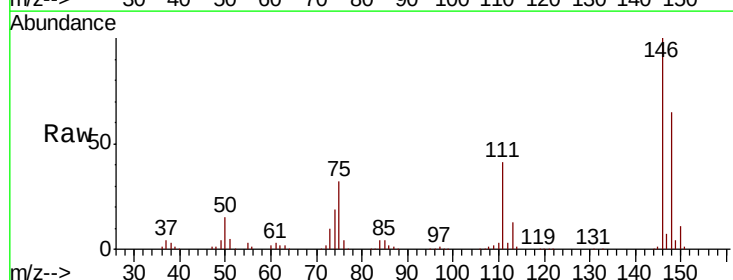
Instrument :
BNA_F
ClientSampleId :
ICVBF073019

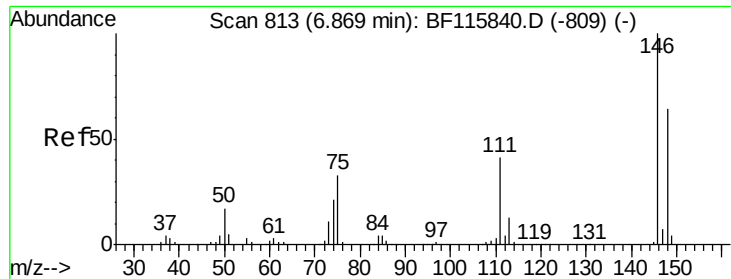
Tot Ion: 93 Resp: 367029
Ion Ratio Lower Upper
93 100
63 75.9 54.9 94.9
95 32.5 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 39.983 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

Tgt Ion: 146 Resp: 436470
Ion Ratio Lower Upper
146 100
148 65.2 52.1 78.1
75 31.7 25.0 37.6

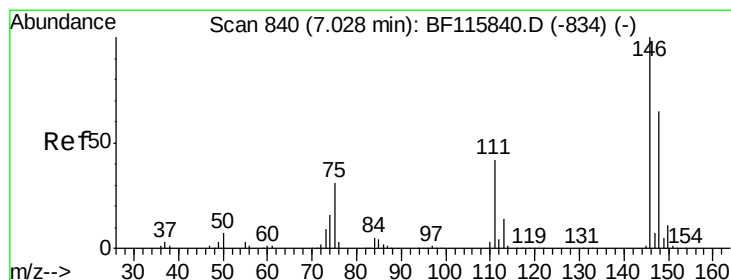
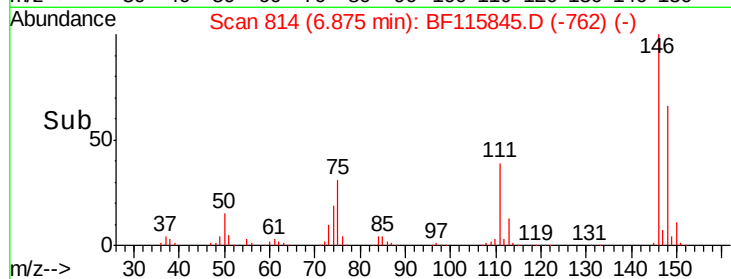
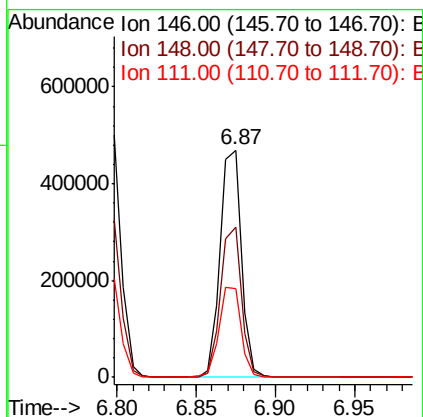
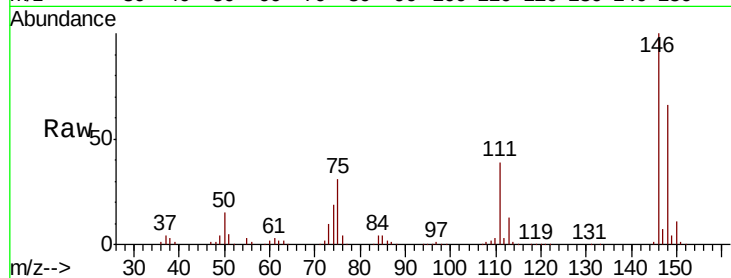




#13
 1,4-Dichlorobenzene
 Concen: 40.129 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF115845.D
 Acq: 30 Jul 2019 16:48

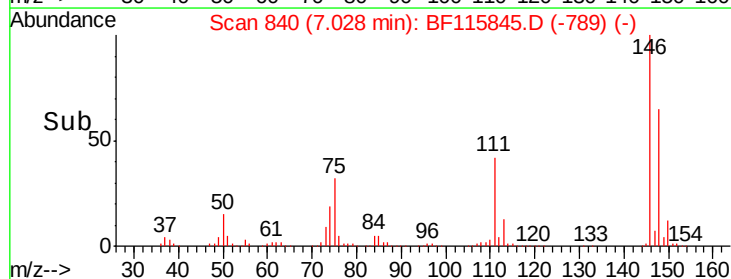
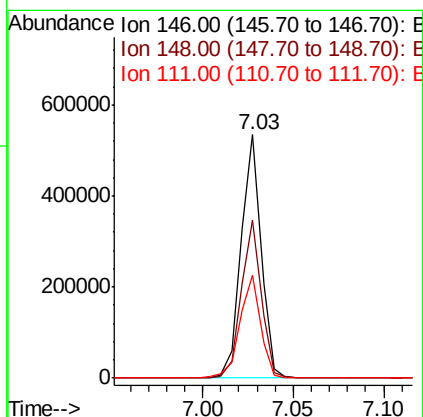
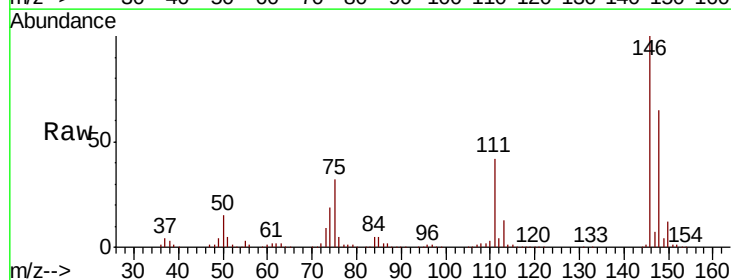
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073019

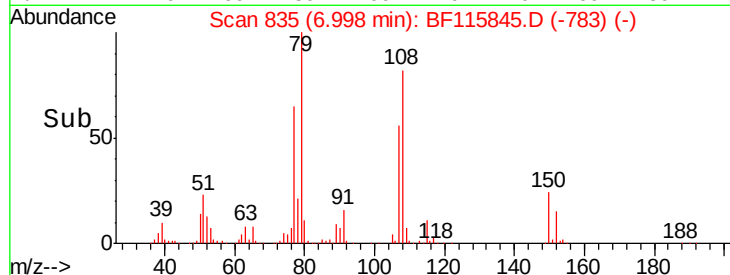
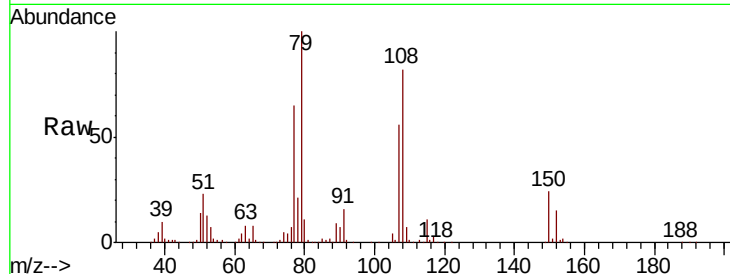
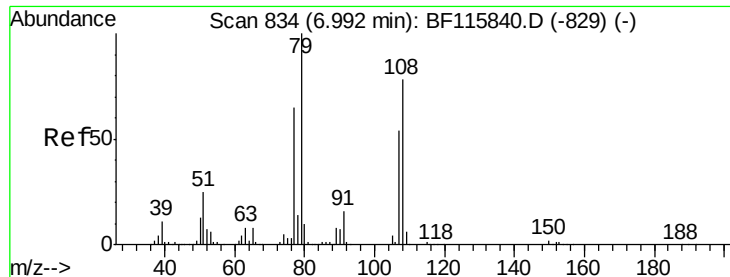
Tot Ion:146 Resp: 438614
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.2 76.8
 111 39.0 33.2 49.8



#14
 1,2-Dichlorobenzene
 Concen: 40.769 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF115845.D
 Acq: 30 Jul 2019 16:48

Tgt Ion:146 Resp: 410313
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.6 77.4
 111 42.3 33.6 50.4

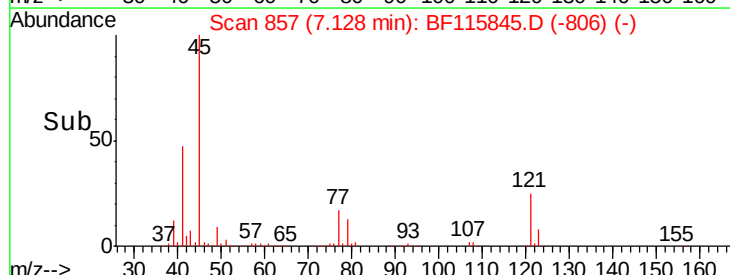
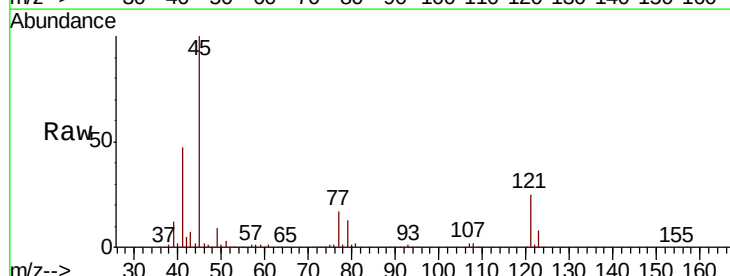
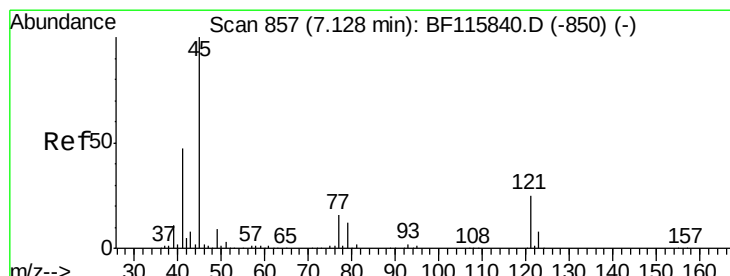
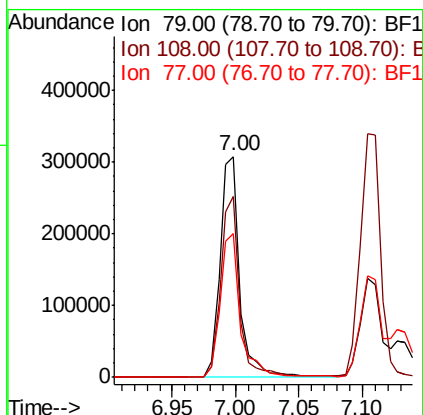




#15
Benzyl Alcohol
Concen: 41.071 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

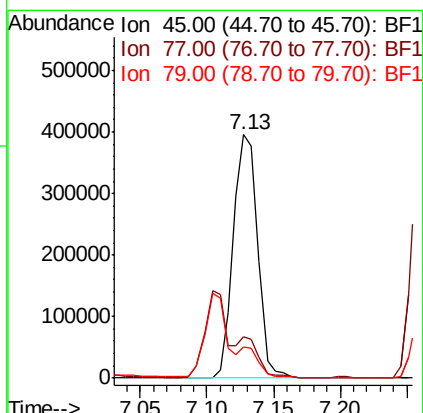
Instrument :
BNA_F
ClientSampleId :
ICVBF073019

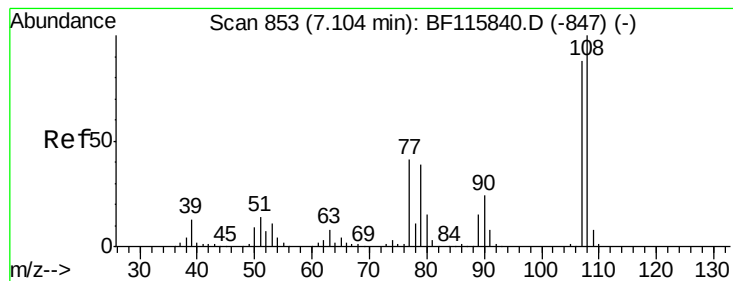
Tot Ion	Ratio	Lower	Upper
79	100		
108	82.2	62.8	94.2
77	65.0	52.0	78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.646 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.0	0.0	36.3
79	12.7	0.0	32.5

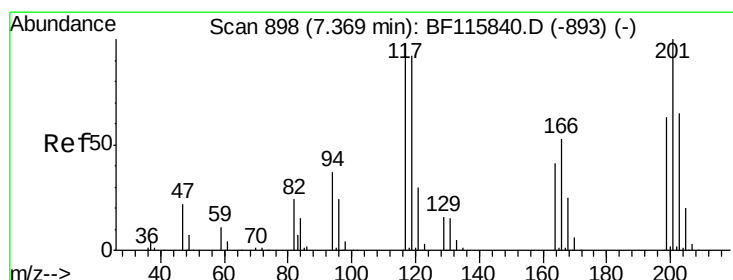
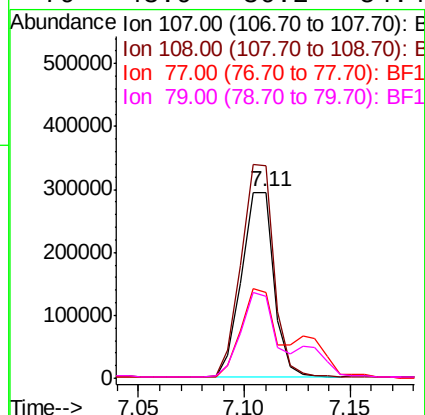
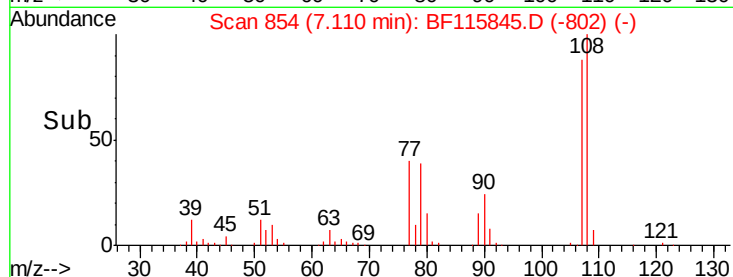
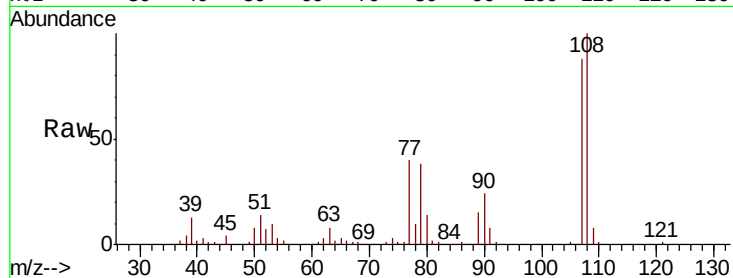




#17
2-Methylphenol
Concen: 39.571 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

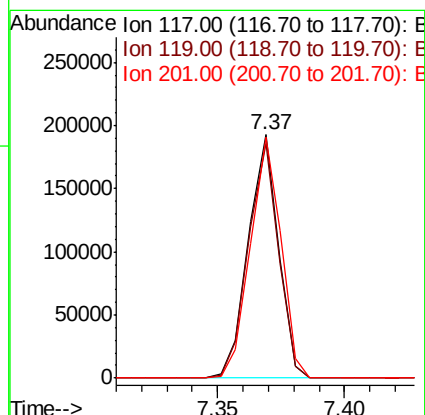
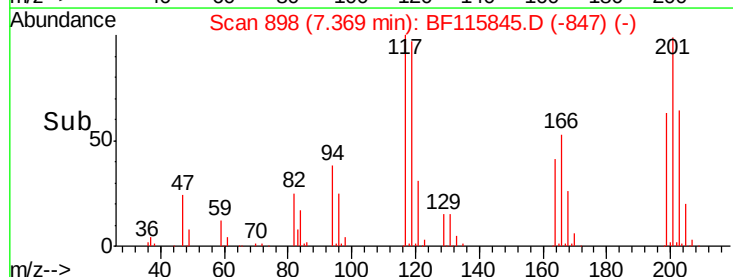
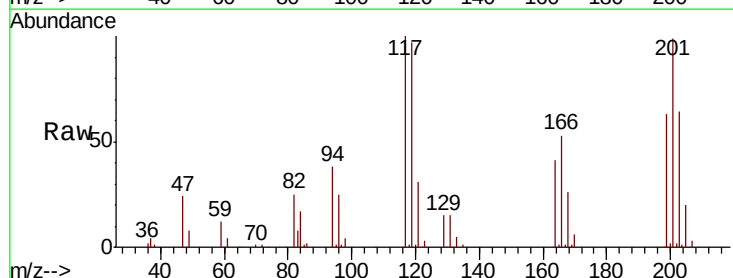
Instrument :
BNA_F
ClientSampleId :
ICVBF073019

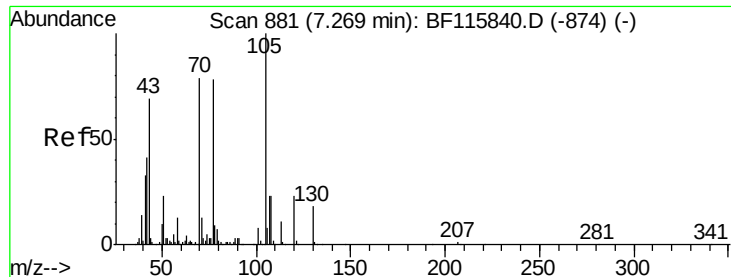
Tot Ion:	107	Resp:	316493
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.4	137.0
77	46.0	37.6	56.4
79	43.9	36.2	54.4



#18
Hexachloroethane
Concen: 39.677 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

Tgt Ion:	117	Resp:	159670
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.8	113.6
201	98.9	82.0	123.0

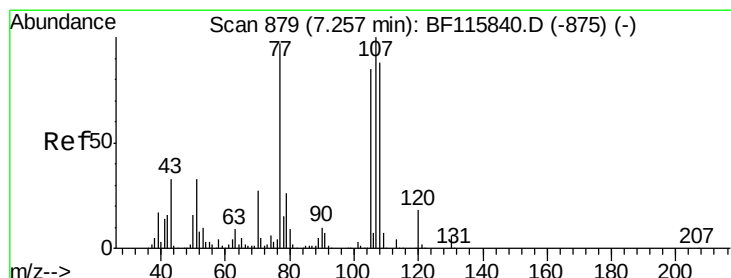
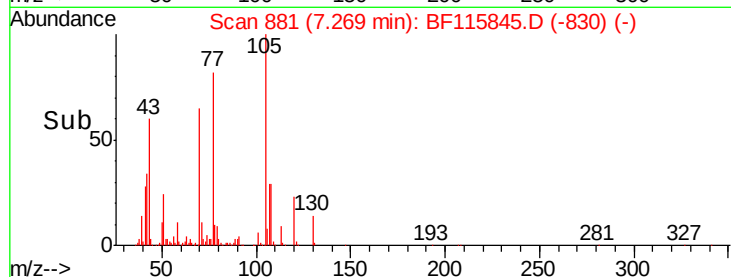
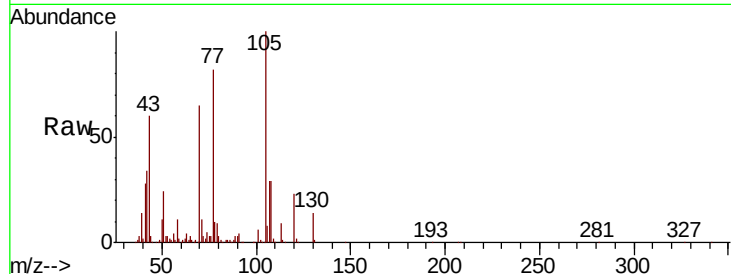
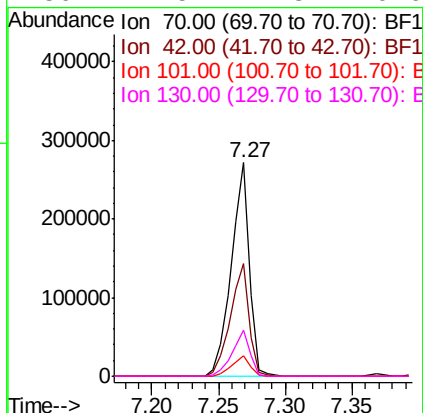




#19
n-Nitroso-di-n-propylamine
Concen: 39.117 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

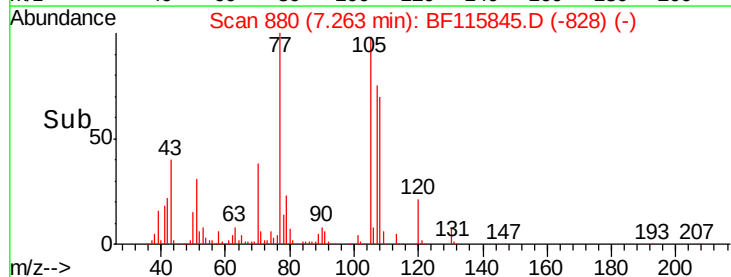
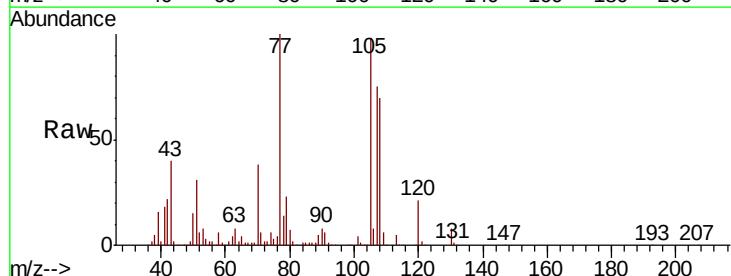
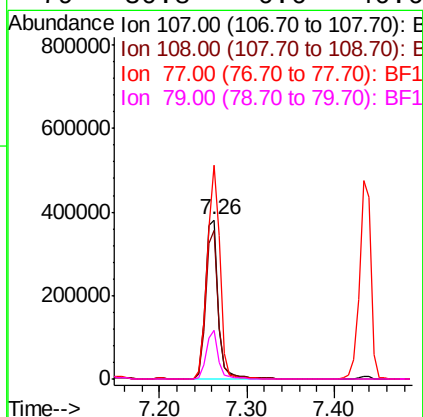
Instrument :
BNA_F
ClientSampleId :
ICVBF073019

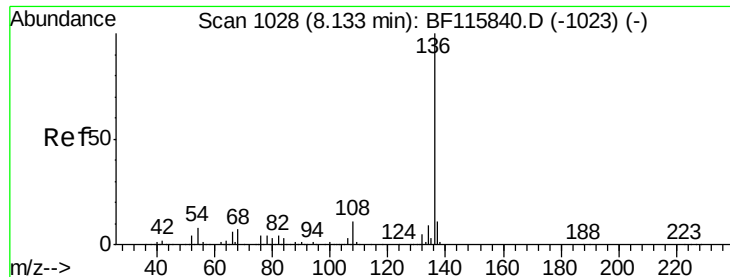
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.7	41.8	62.8	
101	9.9	7.7	11.5	
130	21.5	17.8	26.6	



#20
3+4-Methylphenols
Concen: 40.936 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.6	67.9	107.9	
77	134.2	77.3	117.3#	
79	30.8	6.6	46.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

Instrument :

BNA_F

ClientSampleId :

ICVBF073019

Tot Ion:136 Resp: 569336

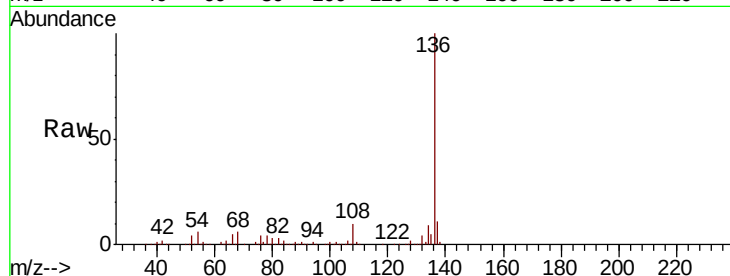
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 6.4 6.1 9.1

68 5.7 5.4 8.2

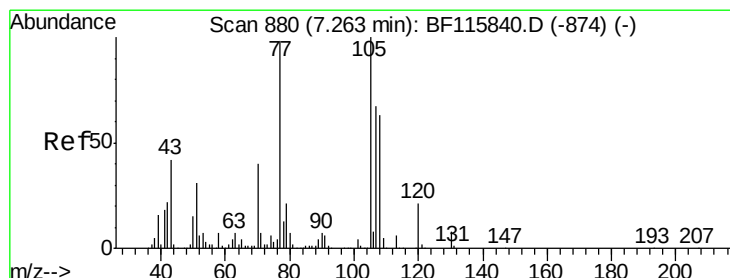
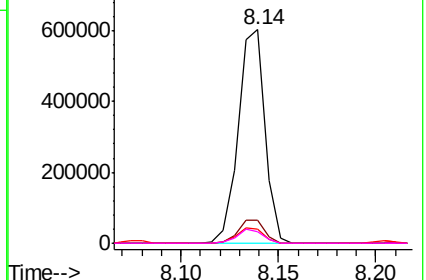
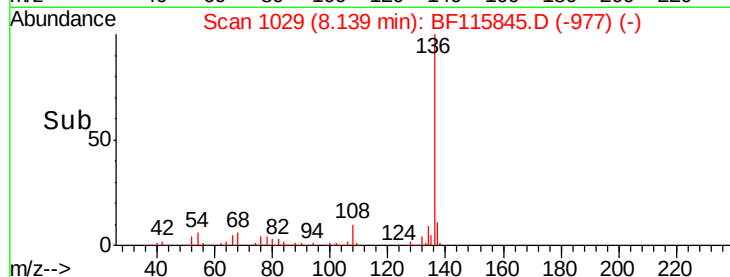


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.010 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

Tgt Ion:105 Resp: 512063

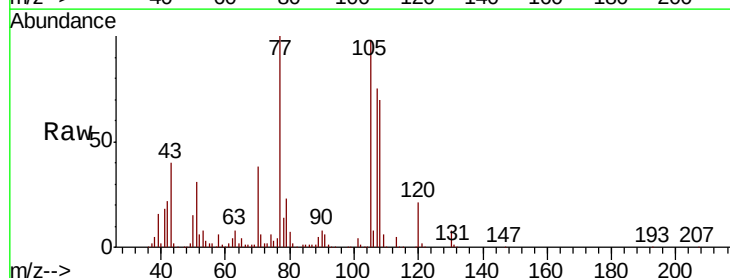
Ion Ratio Lower Upper

105 100

71 6.5 5.4 8.0

51 31.8 24.6 36.8

120 21.7 17.0 25.6

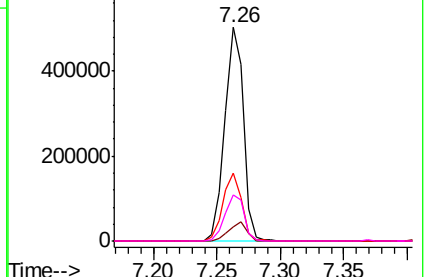
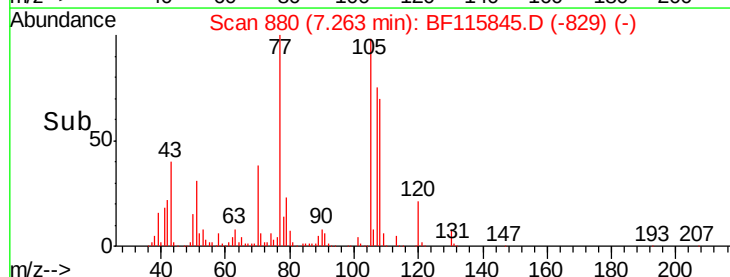


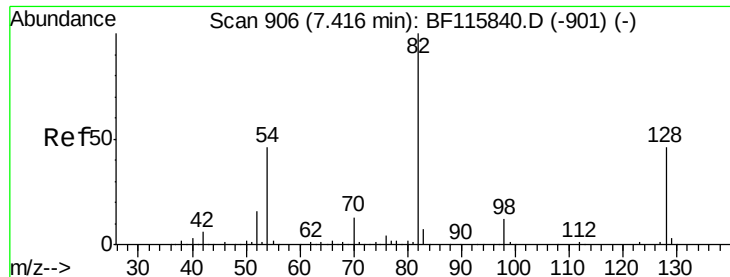
Abundance Ion 105.00 (104.70 to 105.70): E

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

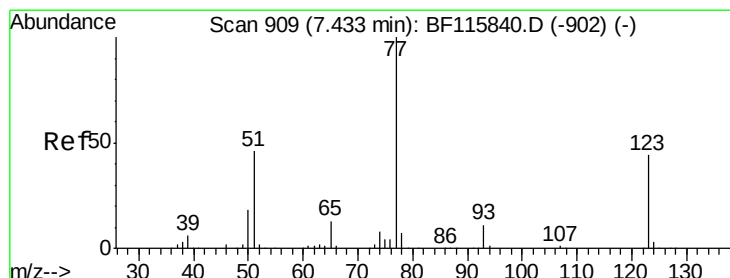
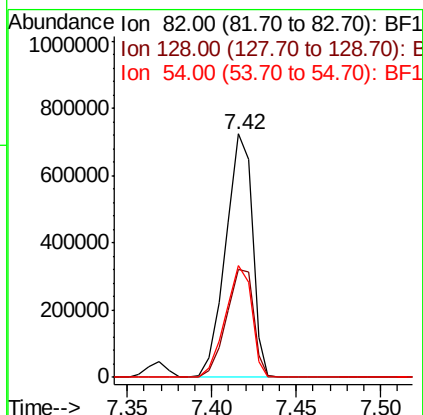
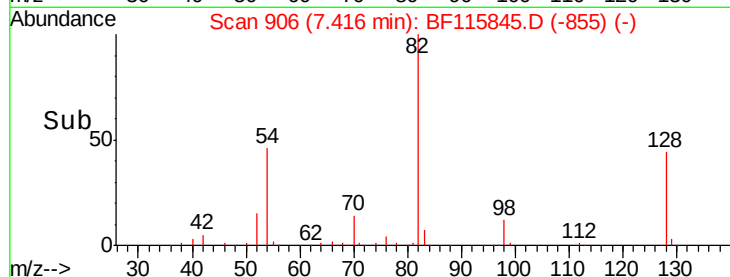
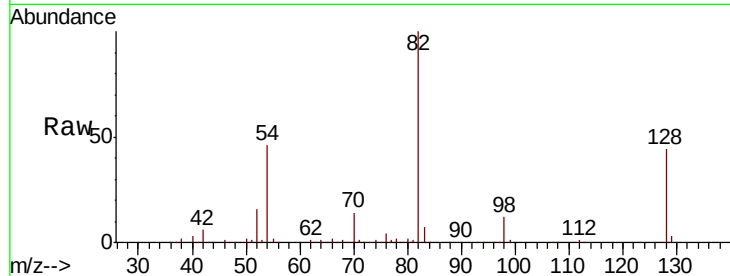




#23
 Nitrobenzene-d5
 Concen: 80.441 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115845.D
 Acq: 30 Jul 2019 16:48

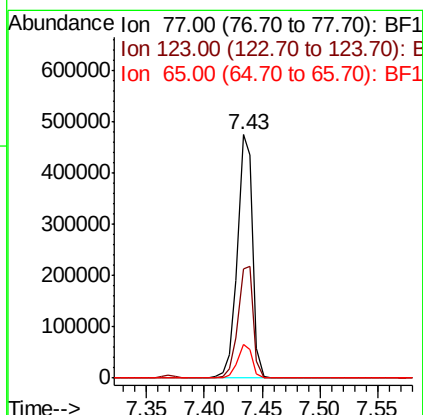
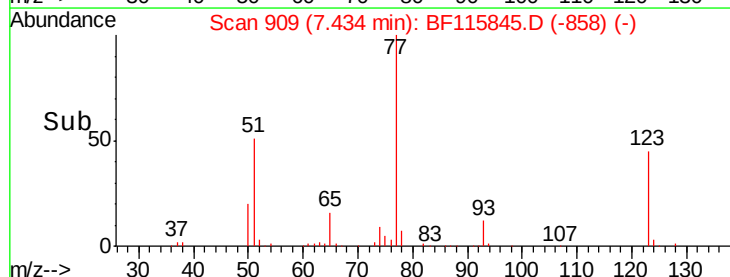
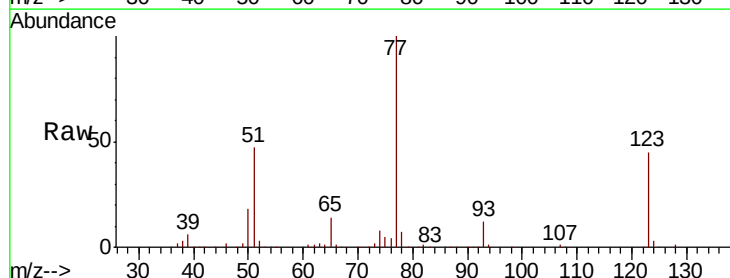
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073019

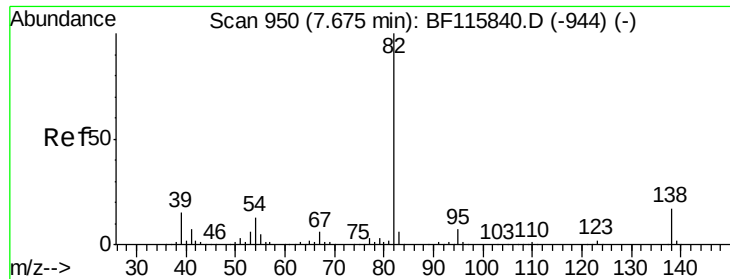
Tot Ion: 82 Resp: 793411
 Ion Ratio Lower Upper
 82 100
 128 44.3 36.6 55.0
 54 46.0 36.6 55.0



#24
 Nitrobenzene
 Concen: 40.735 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF115845.D
 Acq: 30 Jul 2019 16:48

Tgt Ion: 77 Resp: 433831
 Ion Ratio Lower Upper
 77 100
 123 44.7 35.5 53.3
 65 13.8 10.6 15.8





#25

Isophorone

Concen: 39.445 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

Instrument :

BNA_F

ClientSampleId :

ICVBF073019

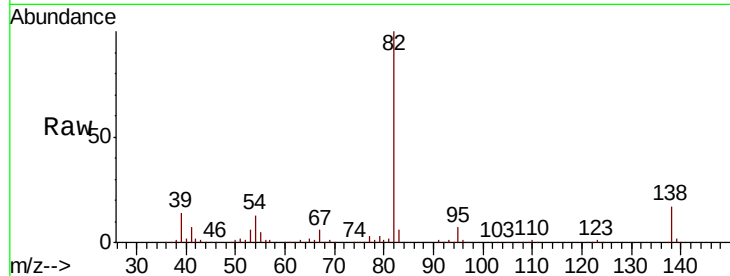
Tot Ion: 82 Resp: 743926

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

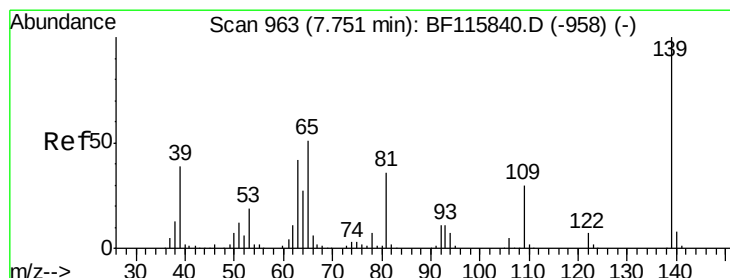
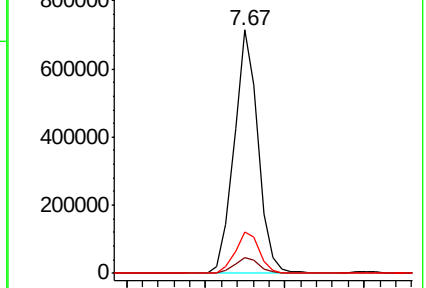
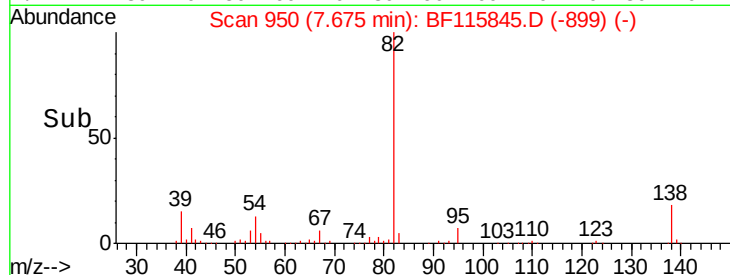
138 17.2 13.9 20.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.612 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

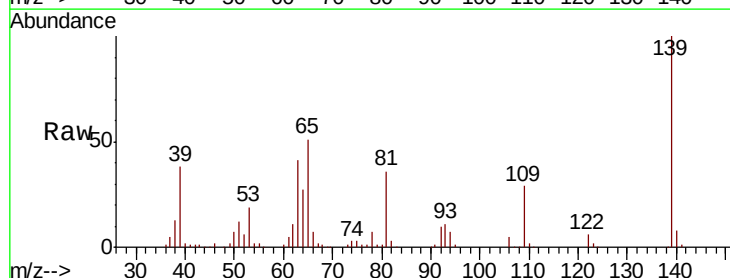
Tgt Ion: 139 Resp: 203881

Ion Ratio Lower Upper

139 100

109 29.0 23.6 35.4

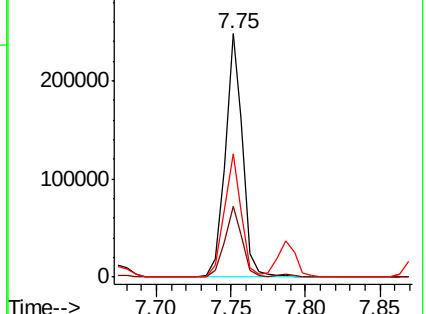
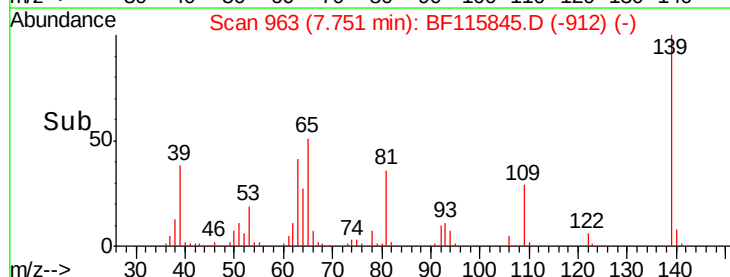
65 50.9 40.6 60.8

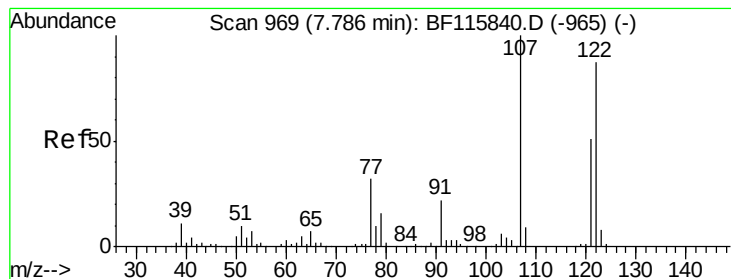


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.445 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

Instrument :

BNA_F

ClientSampleId :

ICVBF073019

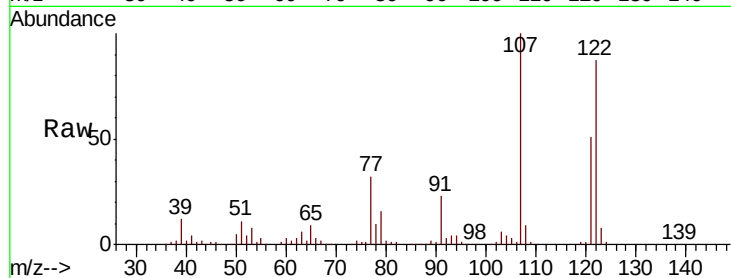
Tot Ion:122 Resp: 305478

Ion Ratio Lower Upper

122 100

107 115.3 91.7 137.5

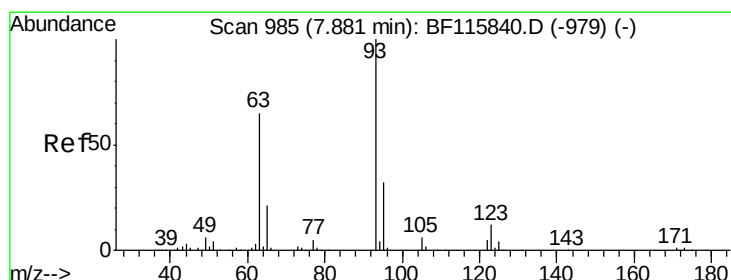
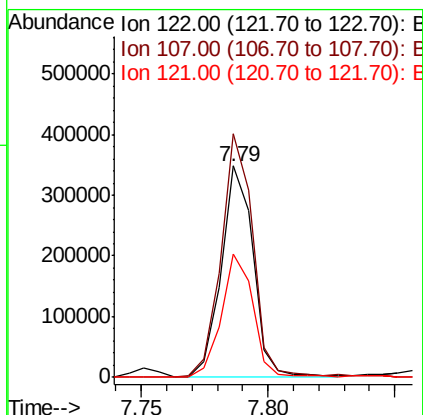
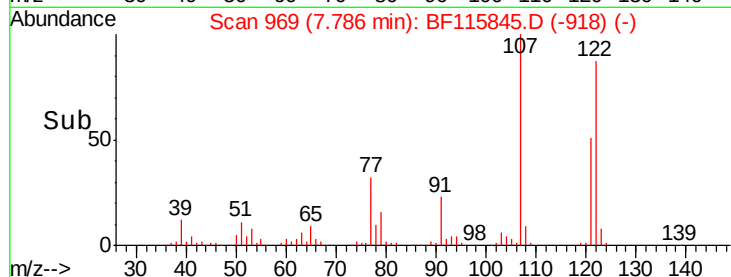
121 58.5 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.020 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

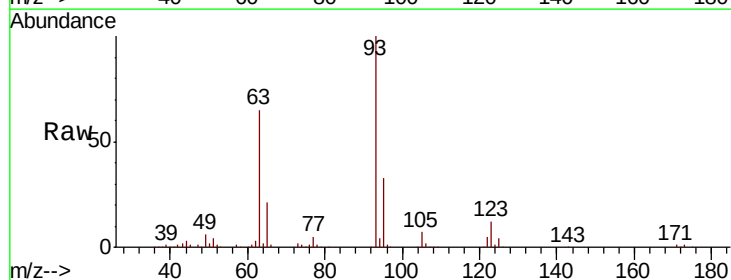
Tgt Ion: 93 Resp: 467825

Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

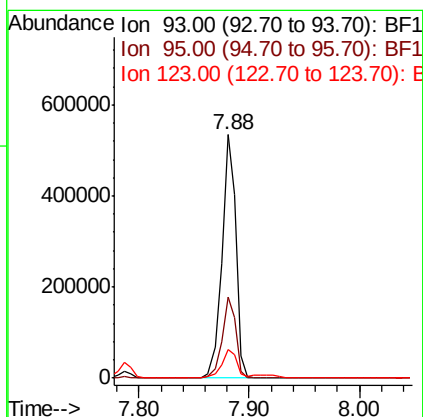
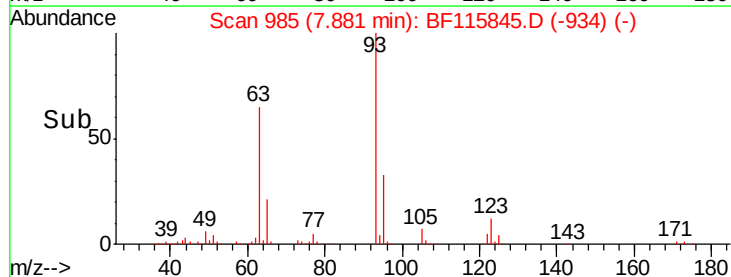
123 11.9 9.5 14.3

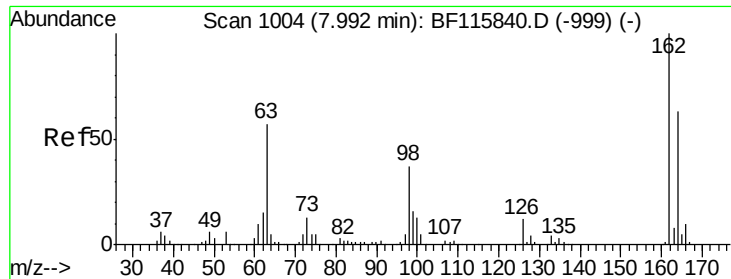


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

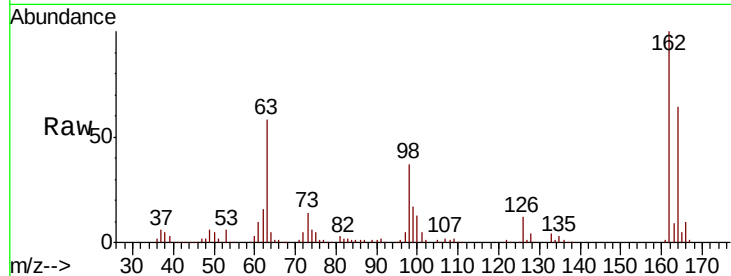




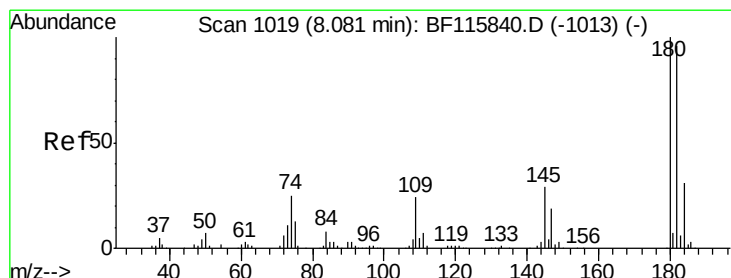
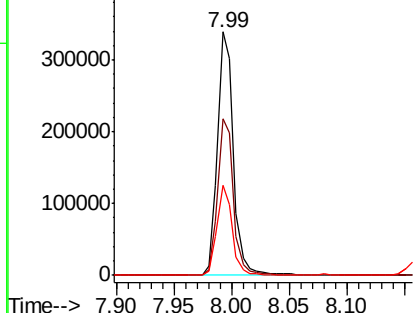
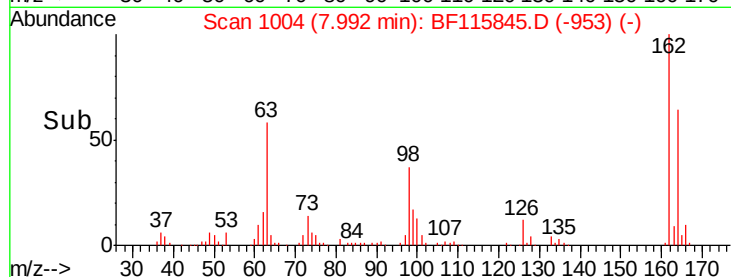
#29
 2,4-Dichlorophenol
 Concen: 40.679 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF115845.D
 Acq: 30 Jul 2019 16:48

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073019

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.2	83.2
98	37.2	17.3	57.3

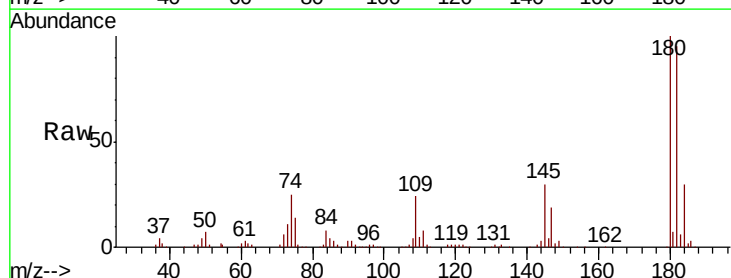


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

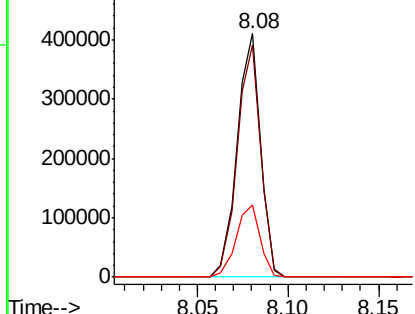
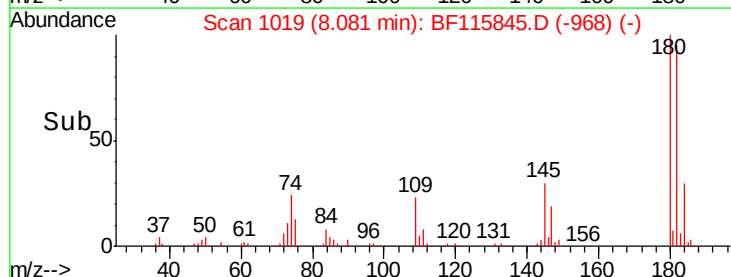


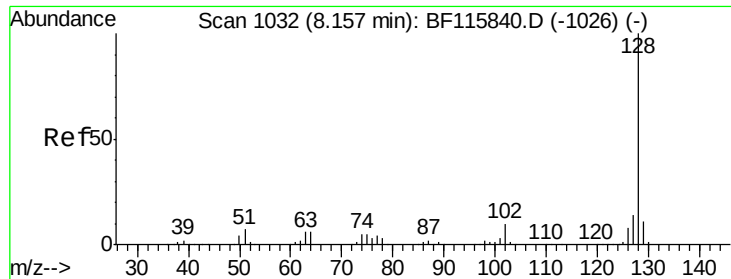
#30
 1,2,4-Trichlorobenzene
 Concen: 40.513 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF115845.D
 Acq: 30 Jul 2019 16:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.6	114.8
145	29.6	23.2	34.8



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

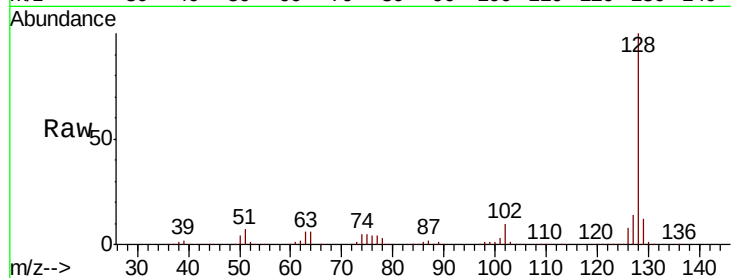




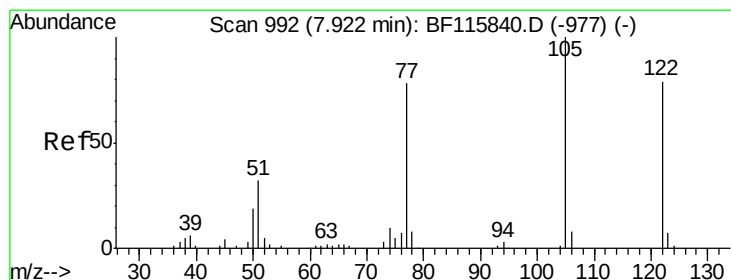
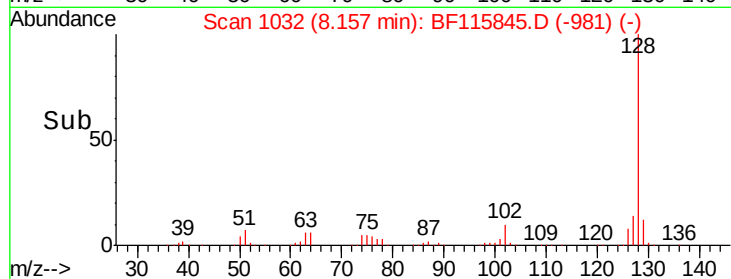
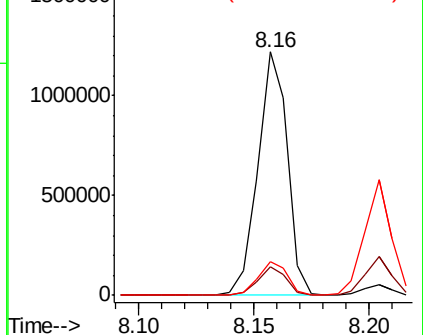
#31
Naphthalene
Concen: 40.672 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

Instrument :
BNA_F
ClientSampleId :
ICVBF073019

Tot Ion:128 Resp: 1089664
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.6 11.0 16.4

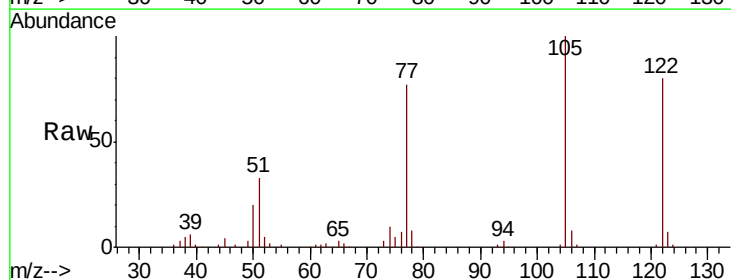


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

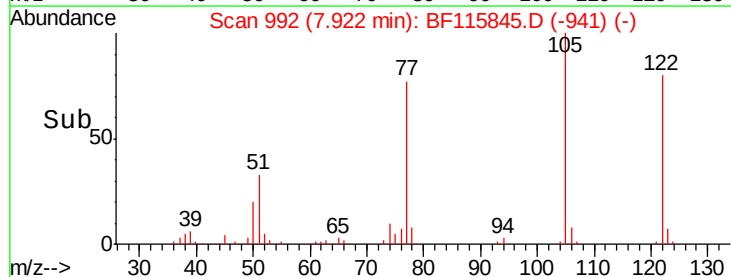
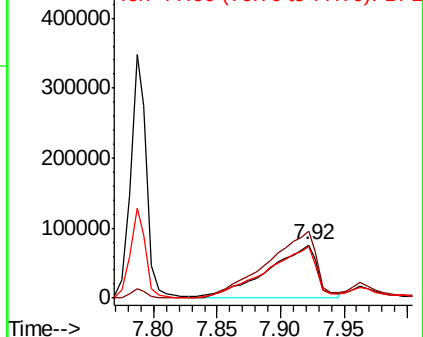


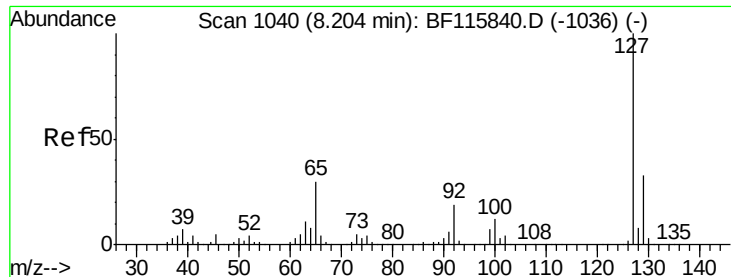
#32
Benzoic acid
Concen: 38.777 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

Tgt Ion:122 Resp: 206485
Ion Ratio Lower Upper
122 100
105 125.1 103.1 143.1
77 96.0 76.8 116.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

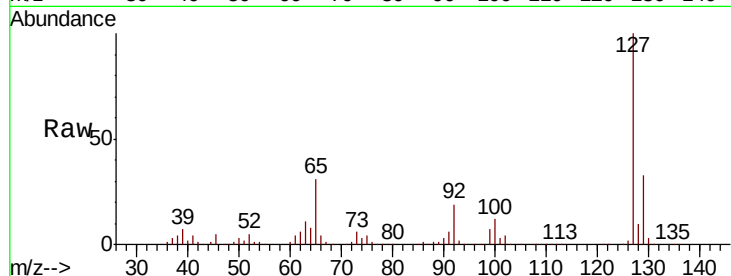




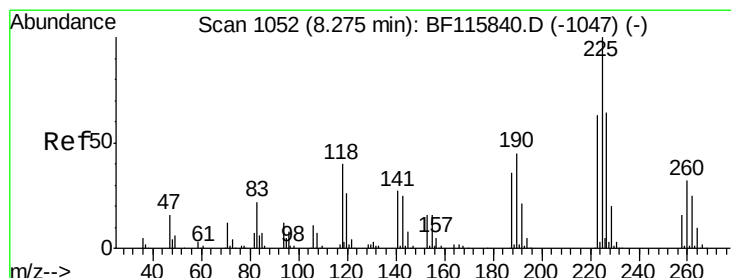
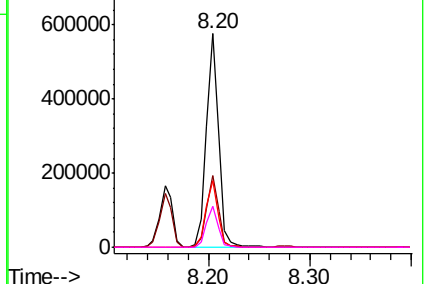
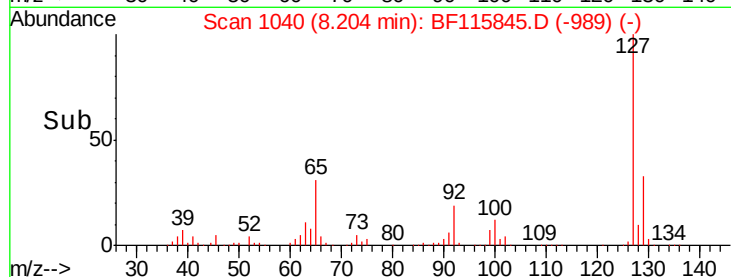
#33
4-Chloroaniline
Concen: 40.134 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

Instrument :
BNA_F
ClientSampleId :
ICVBF073019

Tot Ion:	127	Resp:	480440
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.0	39.0
65	31.1	23.9	35.9
92	19.2	14.9	22.3

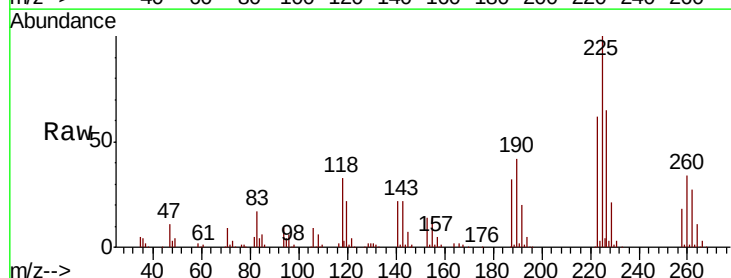


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

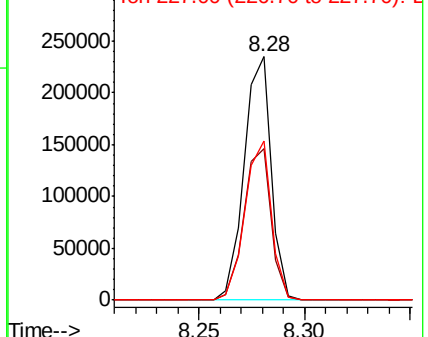
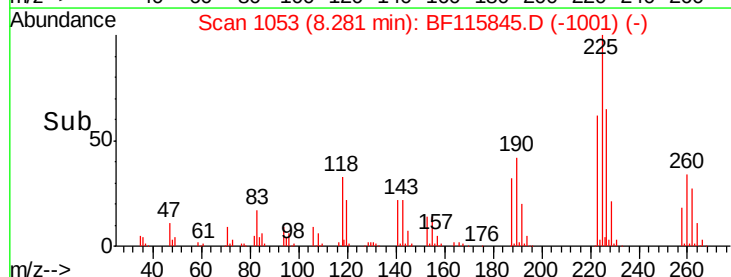


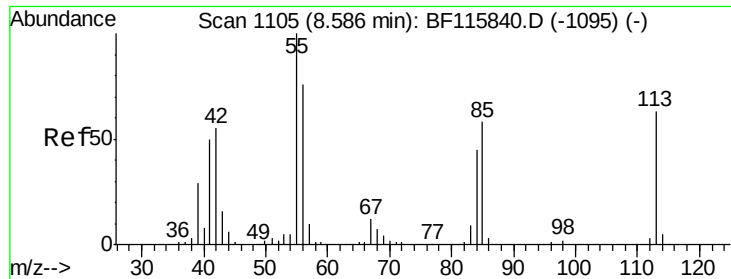
#34
Hexachlorobutadiene
Concen: 39.858 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

Tgt Ion:	225	Resp:	208699
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.4	75.6
227	65.2	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.910 ng

RT: 8.58 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

Instrument :

BNA_F

ClientSampleId :

ICVBF073019

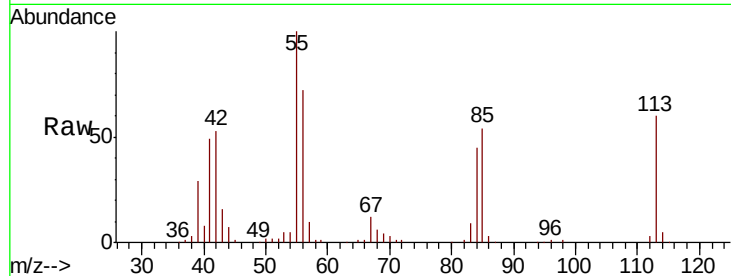
Tot Ion:113 Resp: 102938

Ion Ratio Lower Upper

113 100

55 165.4 138.1 178.1

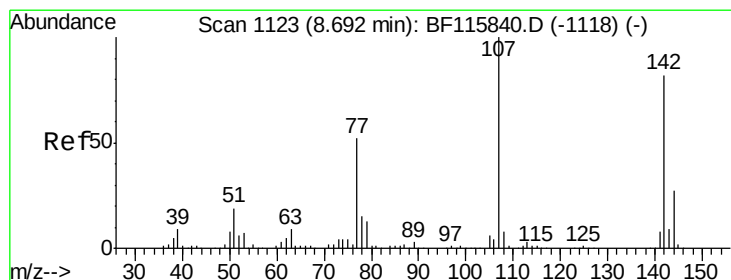
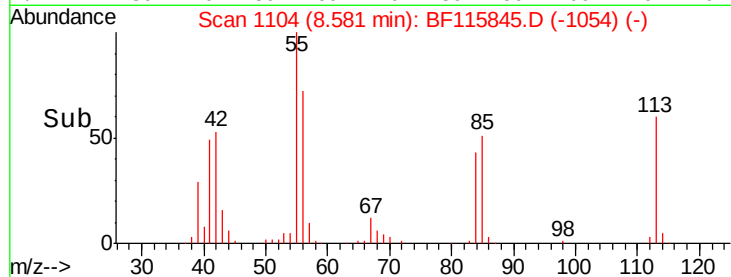
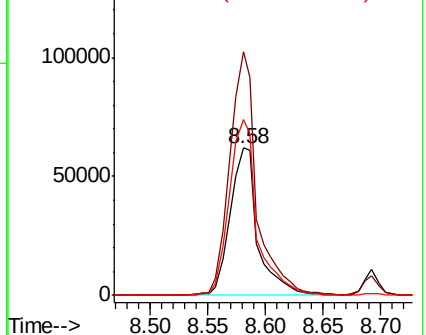
56 119.4 100.6 140.6



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: 39.904 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

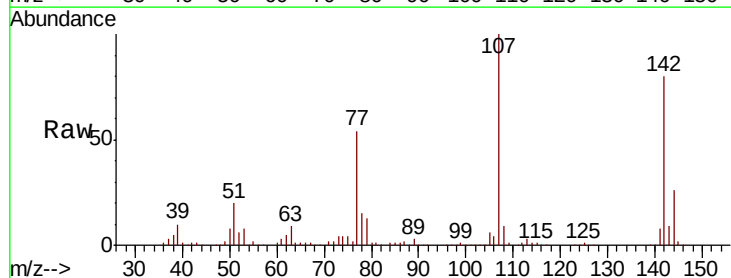
Tgt Ion:107 Resp: 331055

Ion Ratio Lower Upper

107 100

144 26.1 21.4 32.0

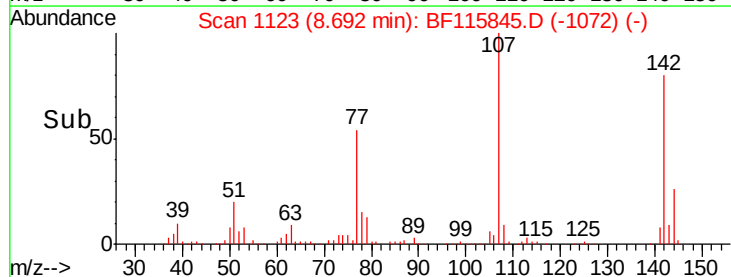
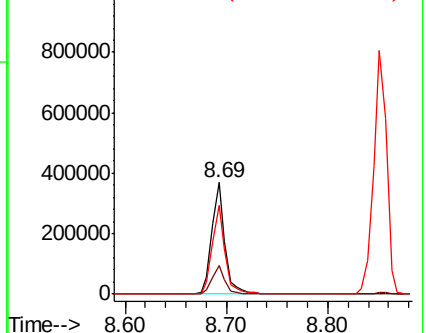
142 80.2 65.5 98.3

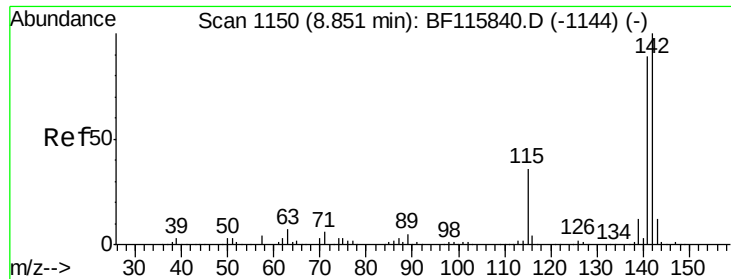


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

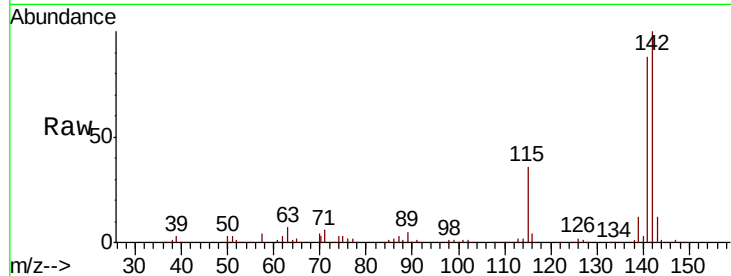




#37
2-Methylnaphthalene
Concen: 40.743 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

Instrument :
BNA_F
ClientSampleId :
ICVBF073019

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.4	107.2
115	35.7	28.9	43.3

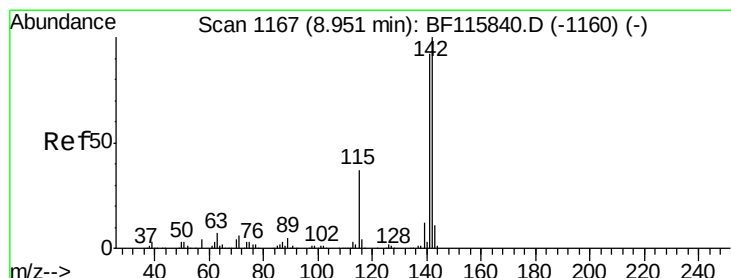
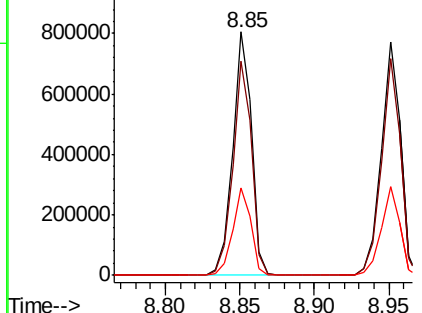
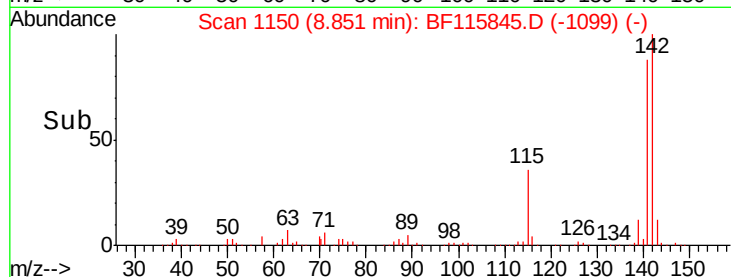


Abundance

Ion 142.00 (141.70 to 142.70): E

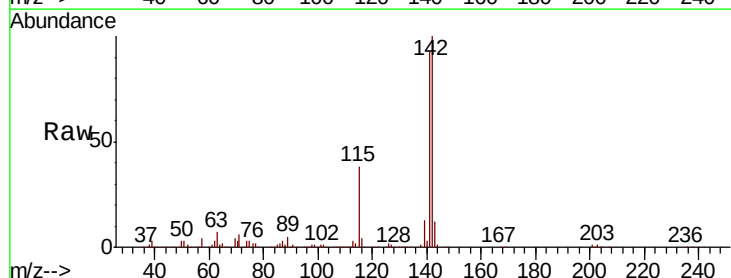
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.669 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.8	110.6
116	4.1	3.1	4.7

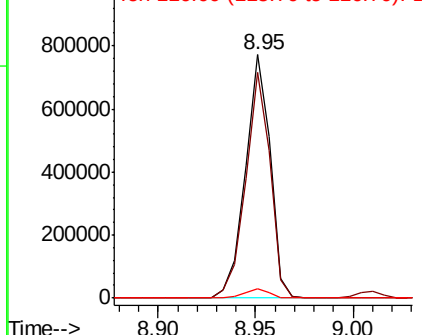
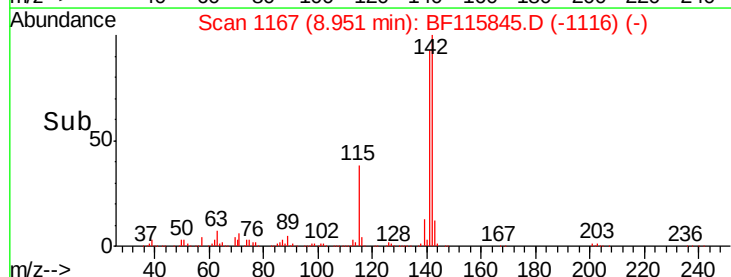


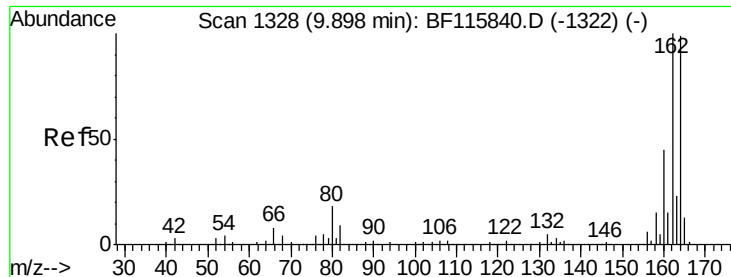
Abundance

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: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

Instrument :

BNA_F

ClientSampleId :

ICVBF073019

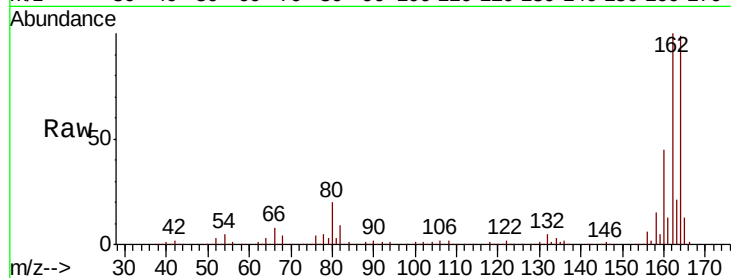
Tot Ion:164 Resp: 296648

Ion Ratio Lower Upper

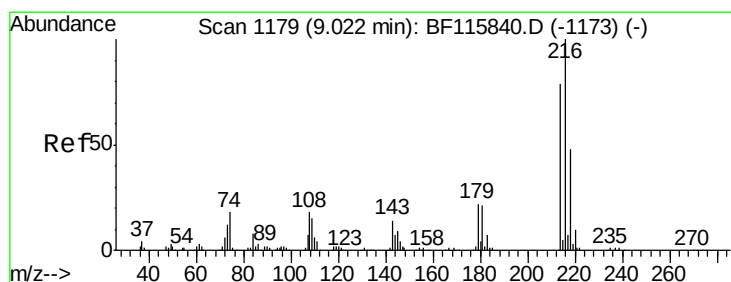
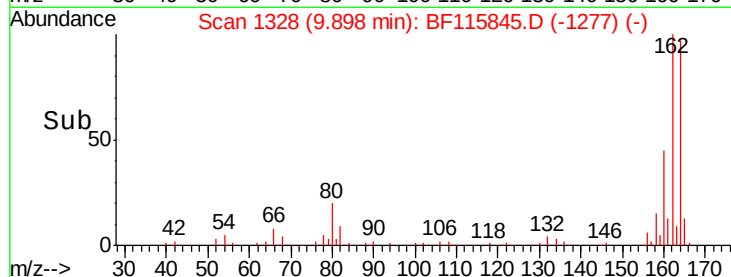
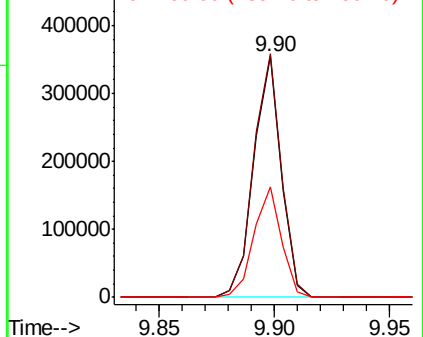
164 100

162 101.2 80.8 121.2

160 45.8 36.2 54.4



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: 41.076 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

Tgt Ion:216 Resp: 325757

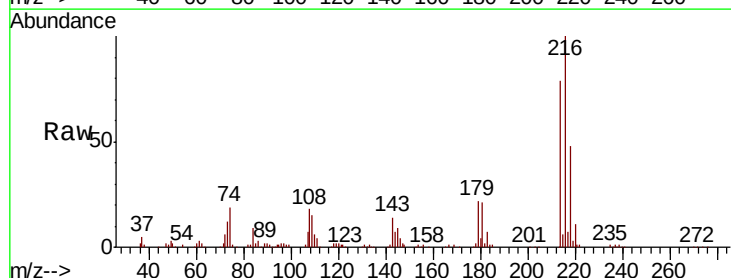
Ion Ratio Lower Upper

216 100

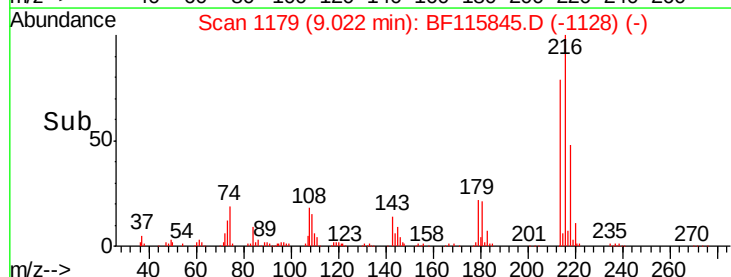
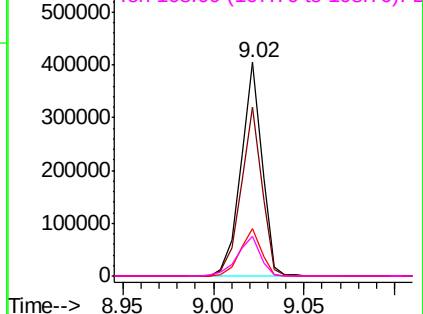
214 78.6 62.8 94.2

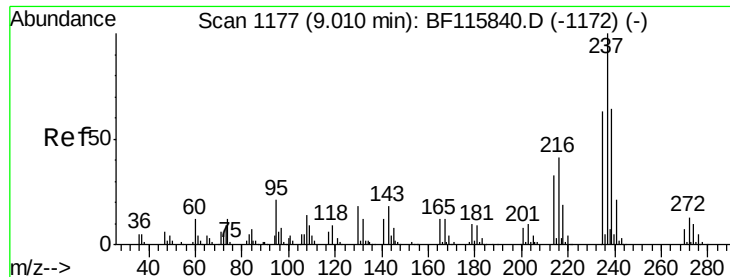
179 22.1 17.6 26.4

108 20.4 16.1 24.1



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: 39.674 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

Instrument :

BNA_F

ClientSampleId :

ICVBF073019

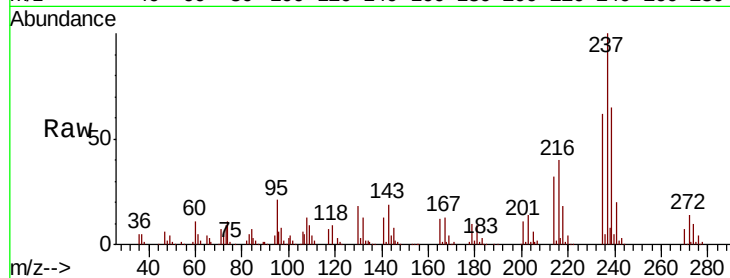
Tot Ion:237 Resp: 129773

Ion Ratio Lower Upper

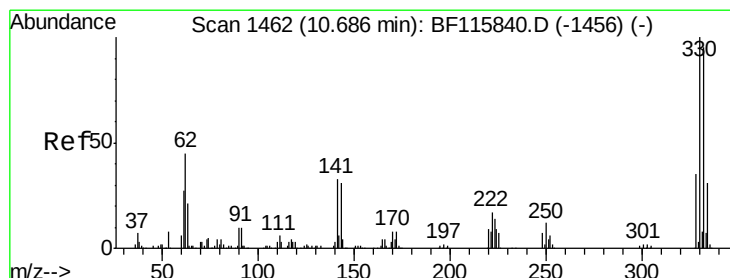
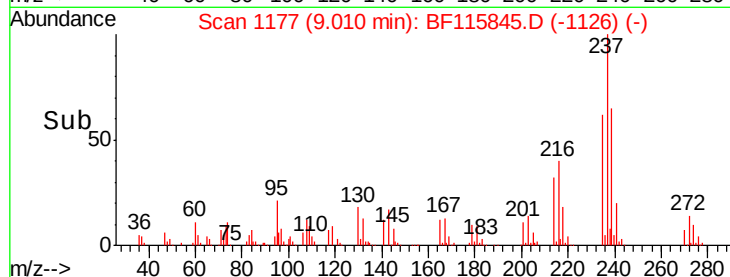
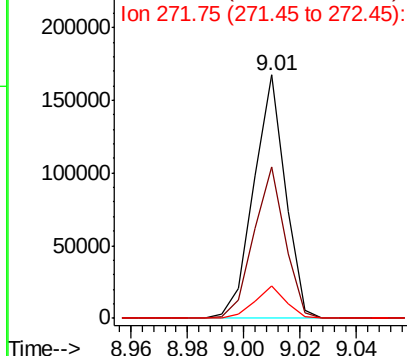
237 100

235 62.2 42.5 82.5

272 13.5 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 79.395 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

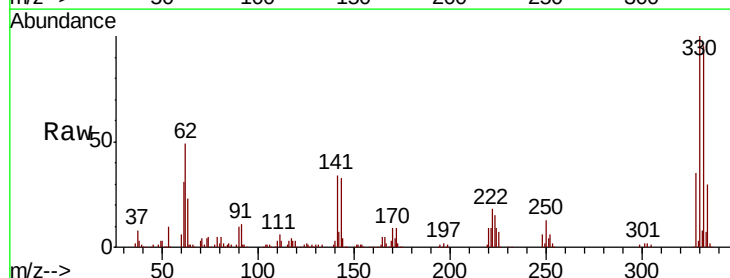
Tgt Ion:330 Resp: 228348

Ion Ratio Lower Upper

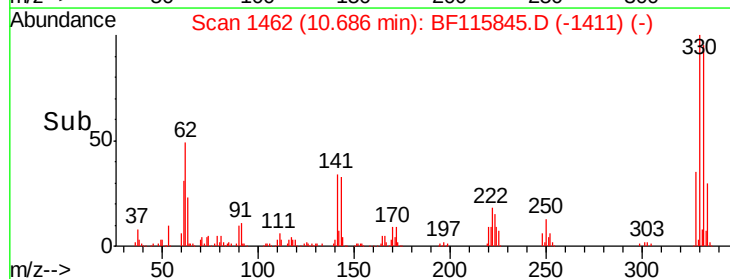
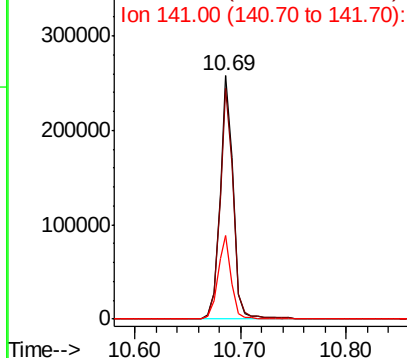
330 100

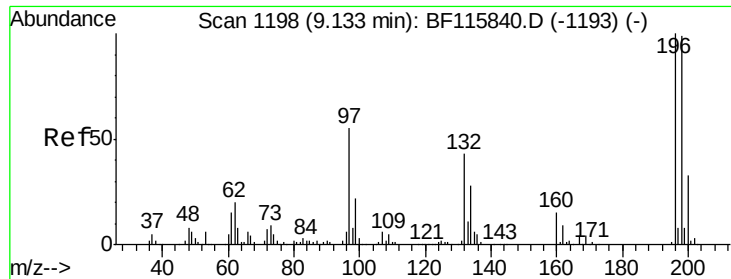
332 96.6 77.7 116.5

141 34.7 28.1 42.1



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

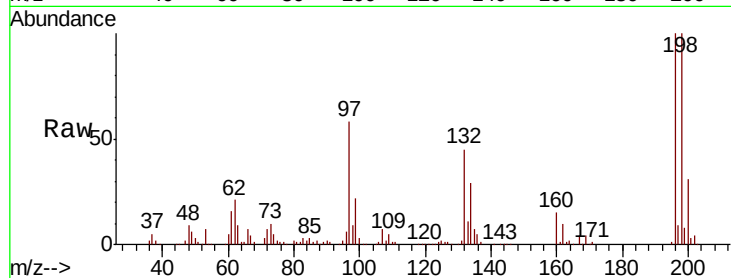




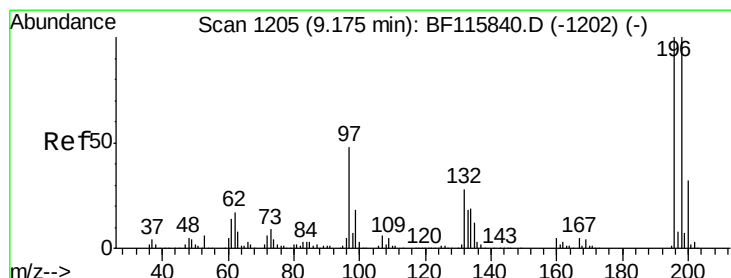
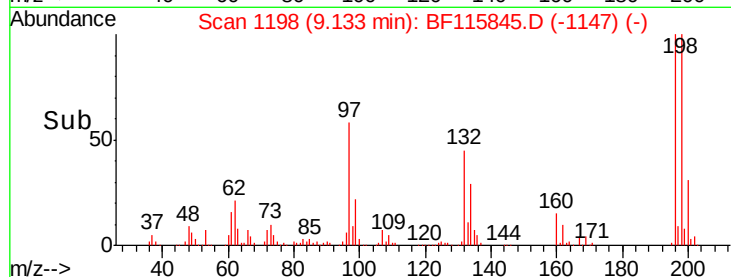
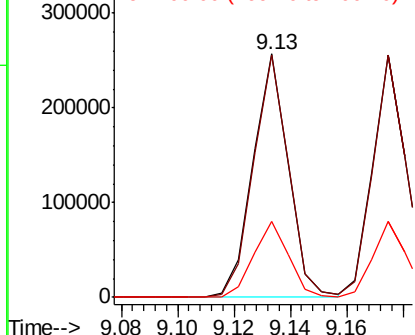
#43
 2,4,6-Trichlorophenol
 Concen: 40.949 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF115845.D
 Acq: 30 Jul 2019 16:48

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073019

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.8	79.1	118.7
200	31.4	26.0	39.0



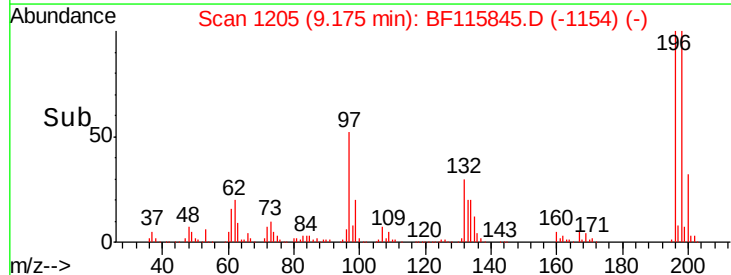
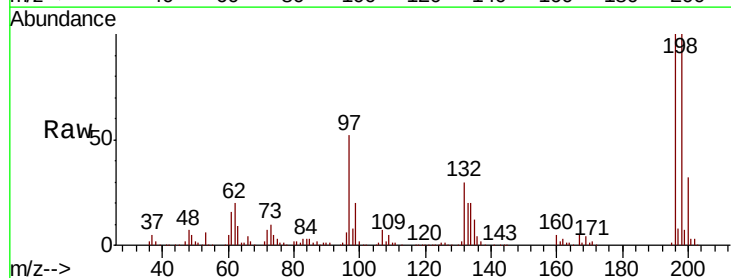
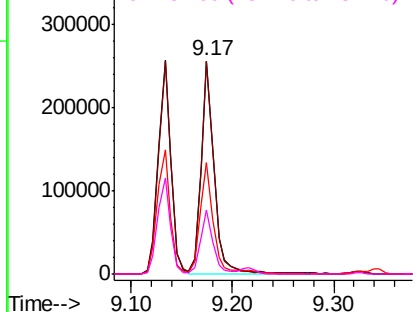
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

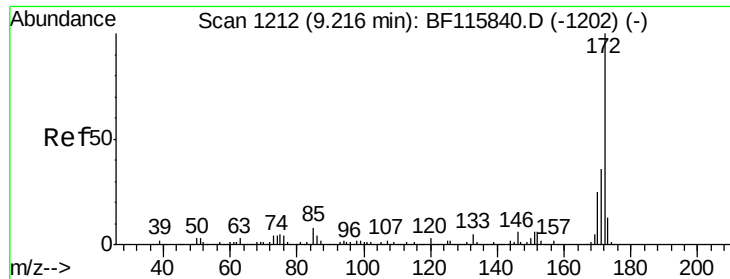


#44
 2,4,5-Trichlorophenol
 Concen: 40.401 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF115845.D
 Acq: 30 Jul 2019 16:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.1	80.1	120.1
97	52.5	38.9	58.3
132	29.8	22.6	33.8

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

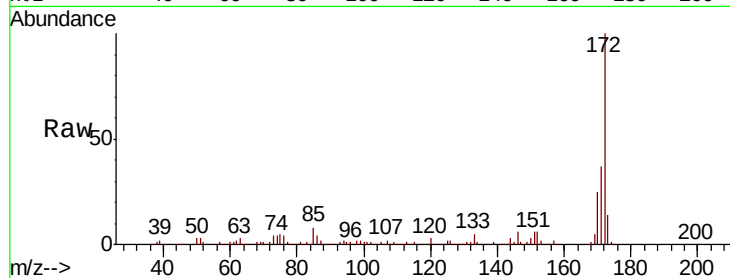




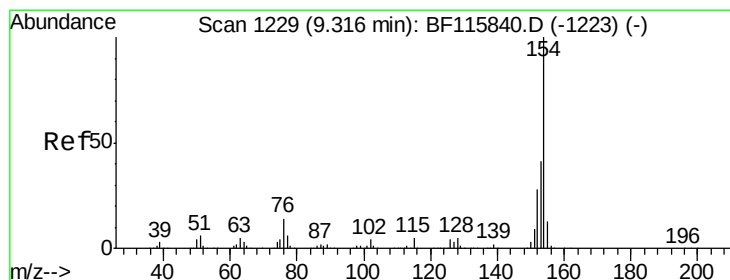
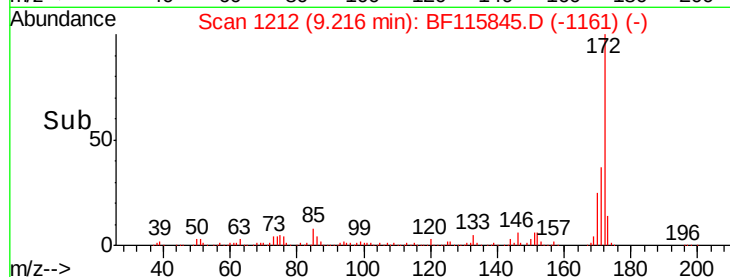
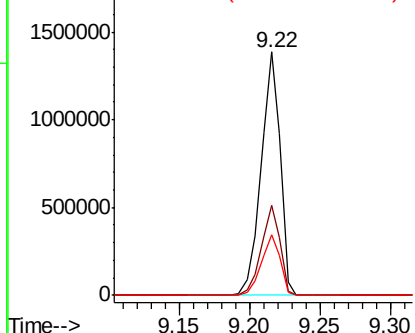
#45
2-Fluorobiphenyl
Concen: 83.864 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

Instrument :
BNA_F
ClientSampleId :
ICVBF073019

Tot Ion:172 Resp: 1328196
Ion Ratio Lower Upper
172 100
171 36.9 29.1 43.7
170 24.9 20.1 30.1

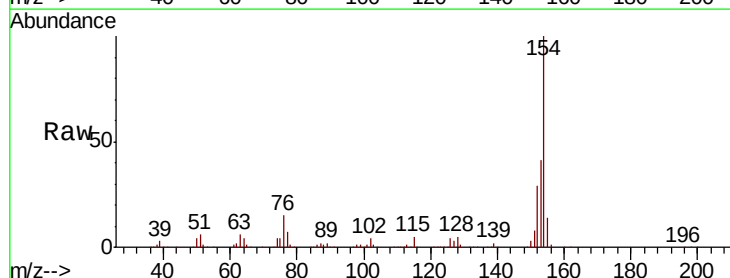


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

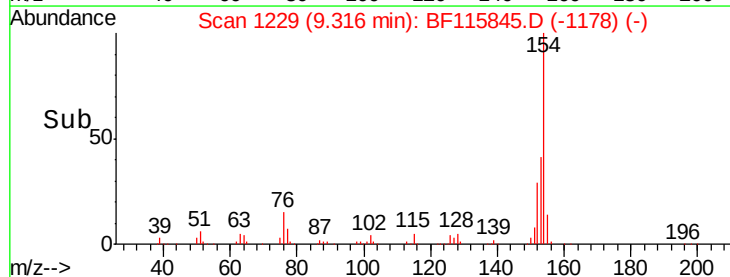
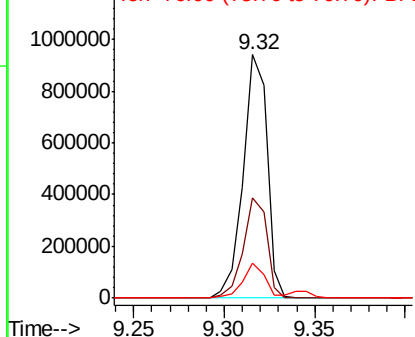


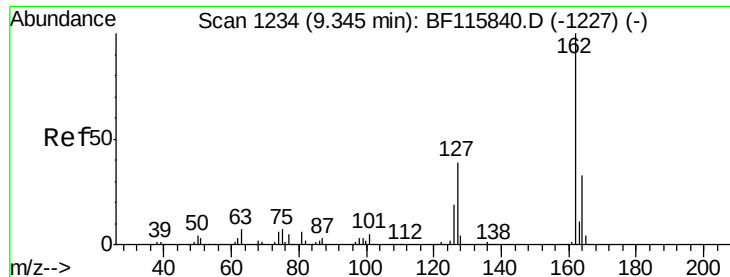
#46
1,1'-Biphenyl
Concen: 41.192 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

Tgt Ion:154 Resp: 862700
Ion Ratio Lower Upper
154 100
153 41.4 20.9 60.9
76 14.5 0.0 34.3



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

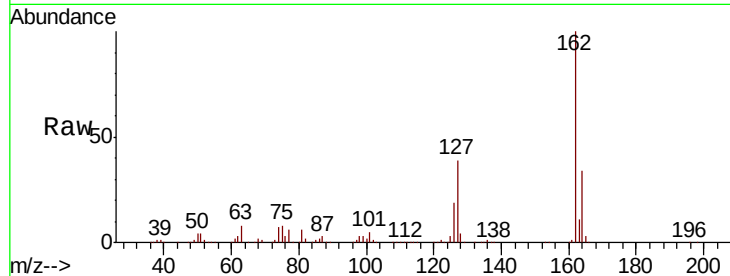




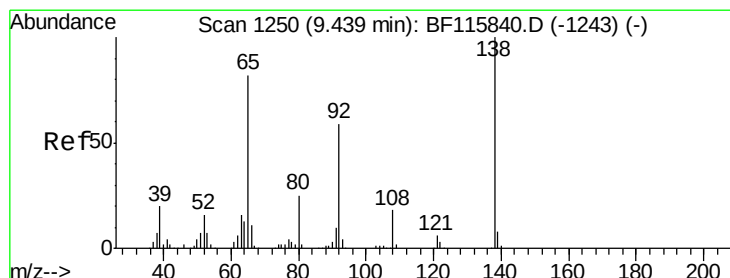
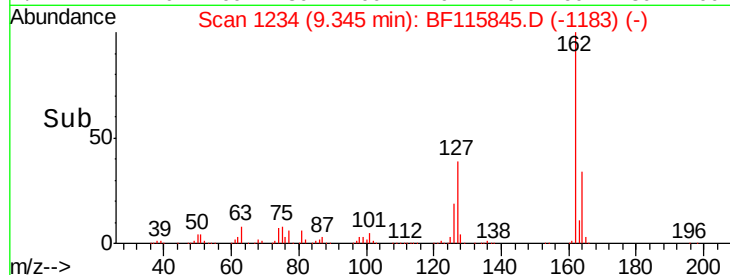
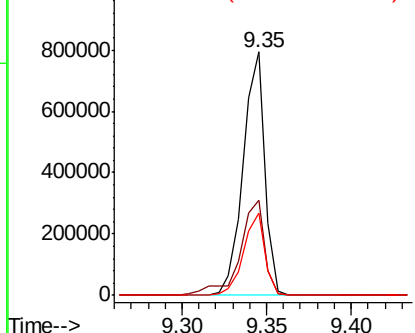
#47
 2-Chloronaphthalene
 Concen: 40.781 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115845.D
 Acq: 30 Jul 2019 16:48

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073019

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.3	46.9
164	33.7	26.6	40.0

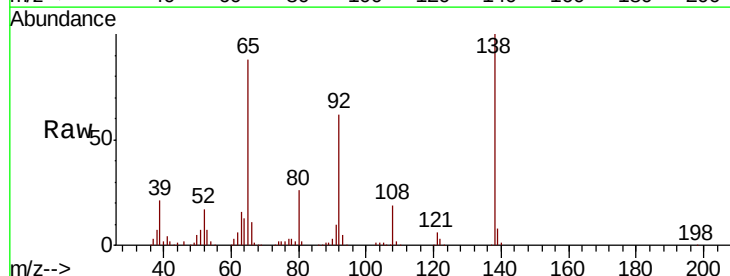


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

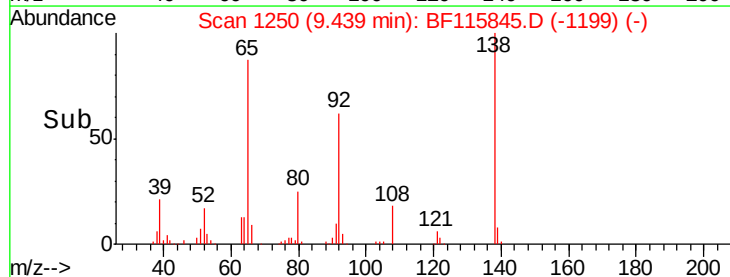
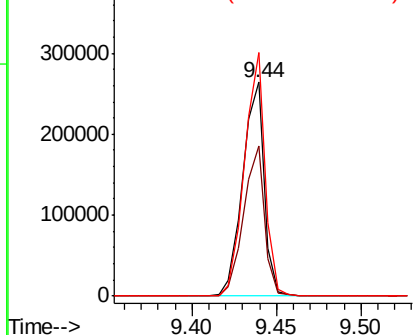


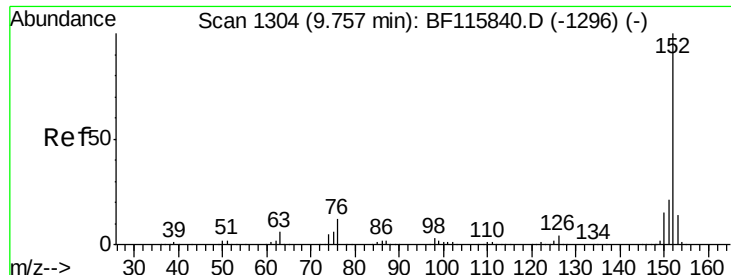
#48
 2-Nitroaniline
 Concen: 40.872 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF115845.D
 Acq: 30 Jul 2019 16:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	57.1	85.7
138	114.0	97.1	145.7



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: 41.466 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

Instrument :

BNA_F

ClientSampleId :

ICVBF073019

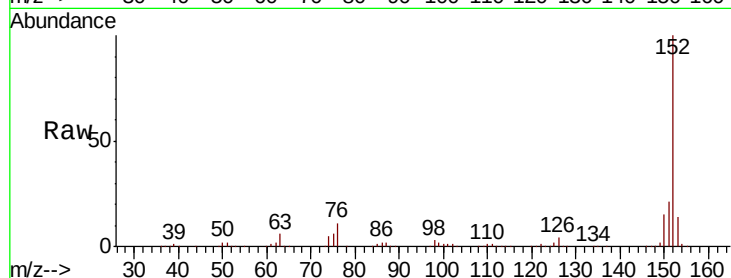
Tot Ion:152 Resp: 1054492

Ion Ratio Lower Upper

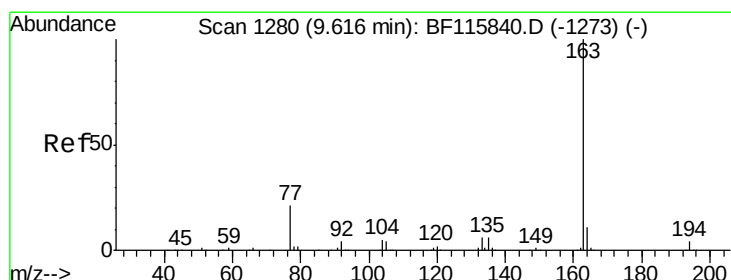
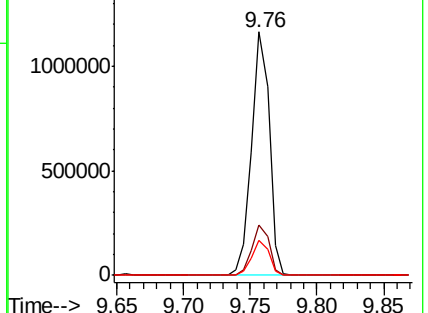
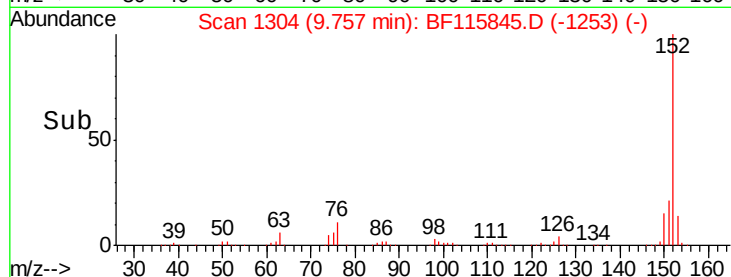
152 100

151 20.6 16.8 25.2

153 14.3 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.250 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

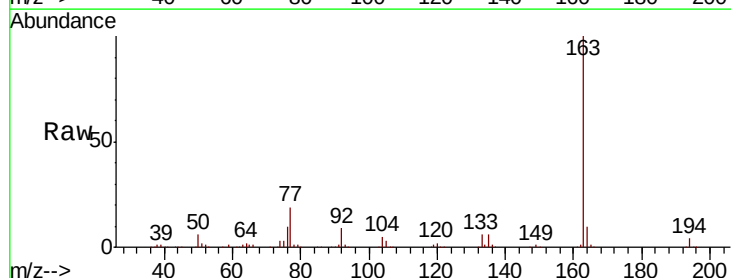
Tgt Ion:163 Resp: 792783

Ion Ratio Lower Upper

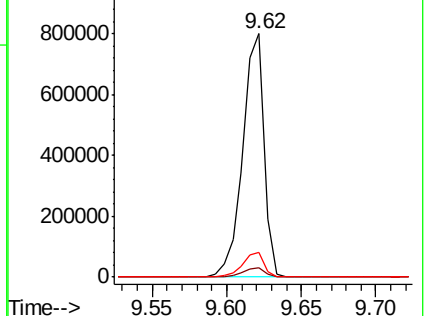
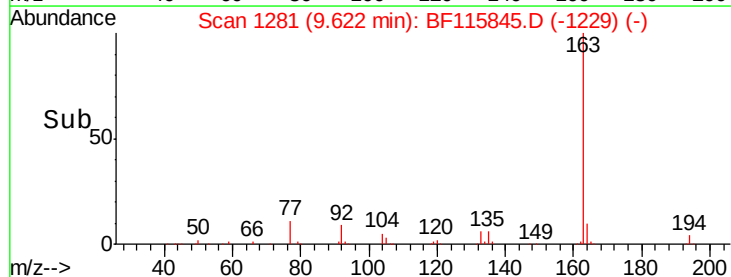
163 100

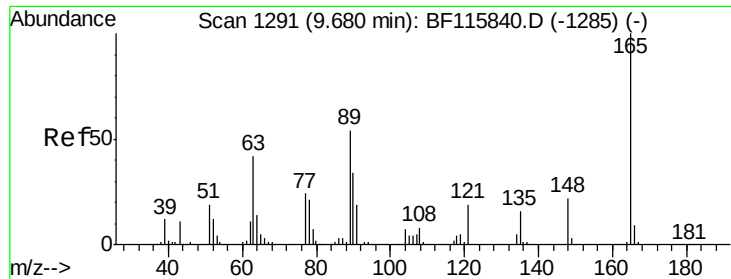
194 4.0 3.0 4.6

164 10.2 8.4 12.6



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: 40.043 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

Instrument :

BNA_F

ClientSampleId :

ICVBF073019

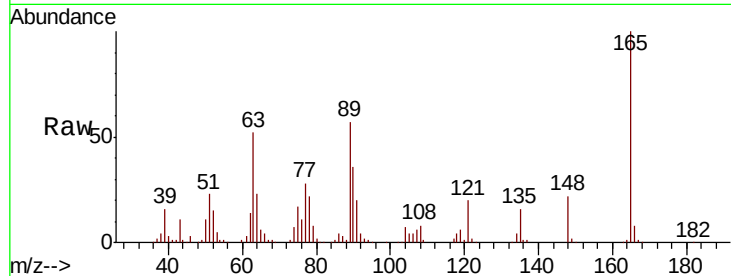
Tot Ion:165 Resp: 175769

Ion Ratio Lower Upper

165 100

63 51.5 39.4 59.2

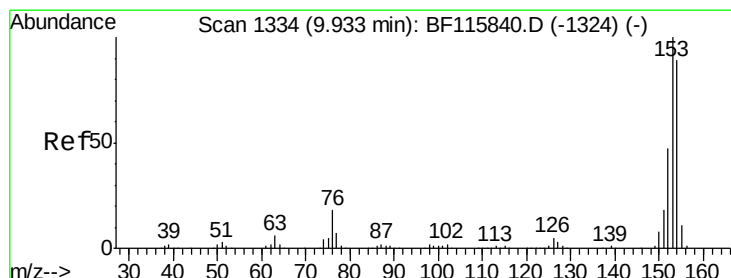
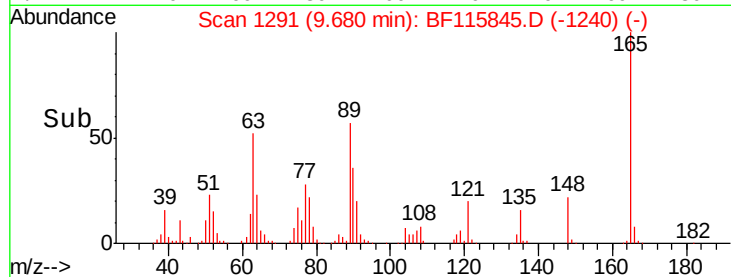
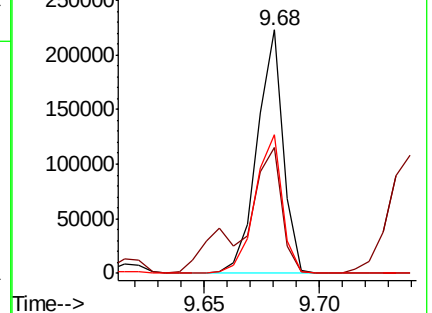
89 57.0 43.0 64.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.033 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

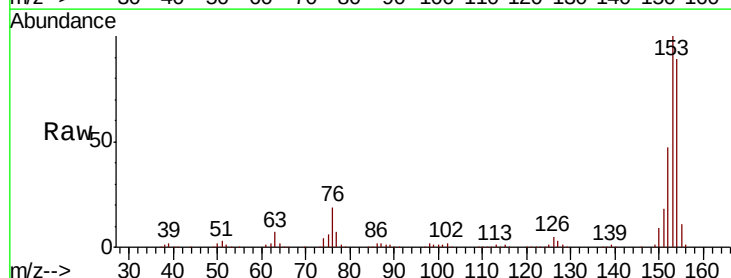
Tgt Ion:154 Resp: 640152

Ion Ratio Lower Upper

154 100

153 112.8 90.1 135.1

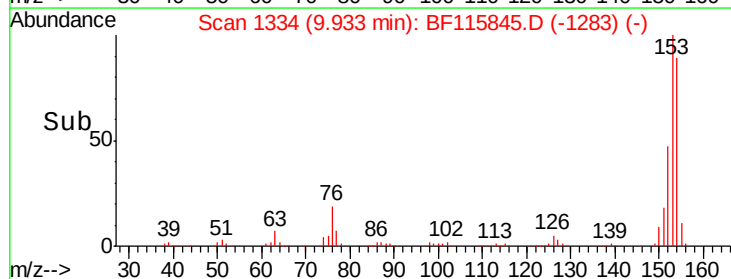
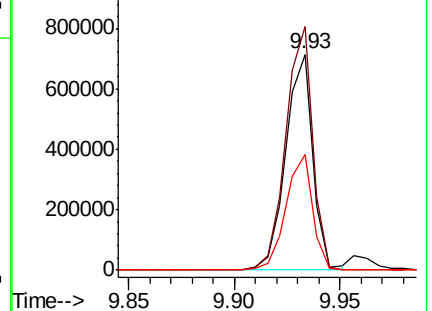
152 53.5 42.6 63.8

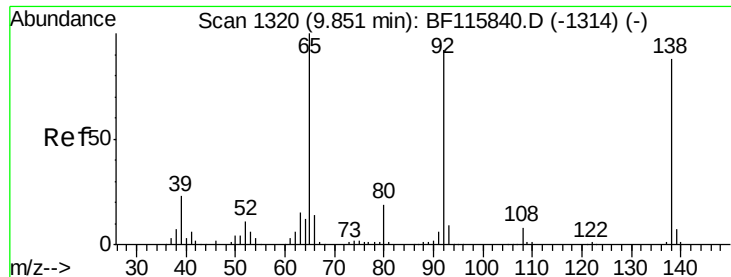


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

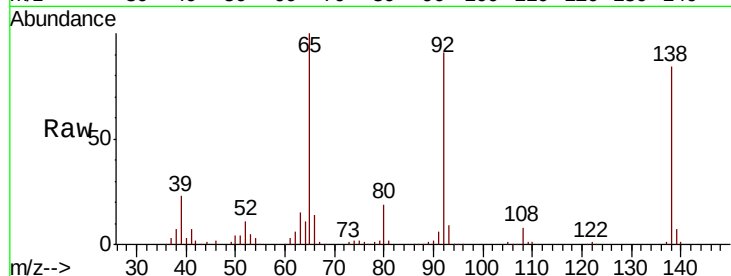




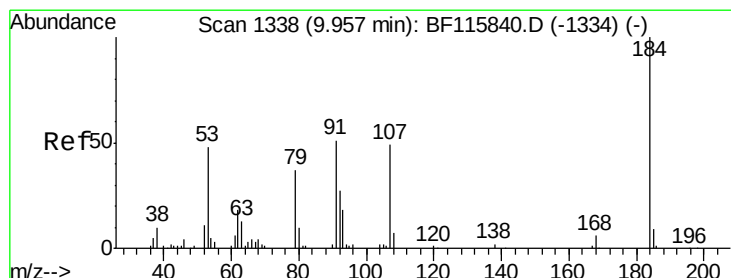
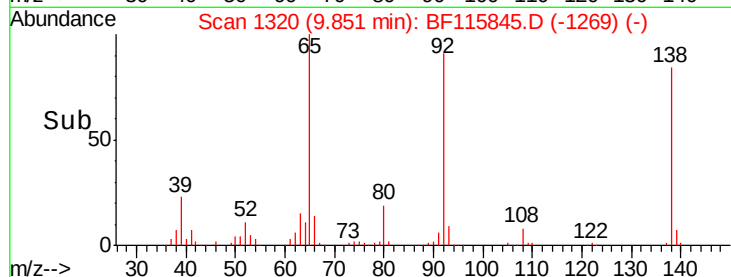
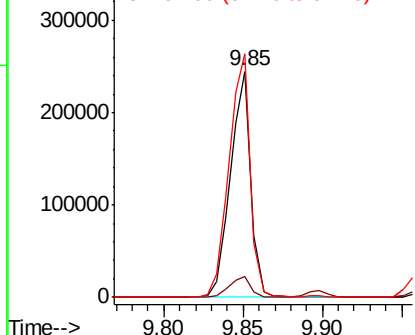
#53
 3-Nitroaniline
 Concen: 39.987 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF115845.D
 Acq: 30 Jul 2019 16:48

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073019

Tot Ion:138 Resp: 216877
 Ion Ratio Lower Upper
 138 100
 108 9.3 7.4 11.2
 92 107.8 83.9 125.9

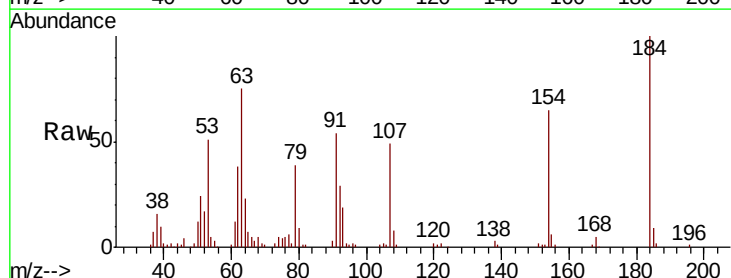


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

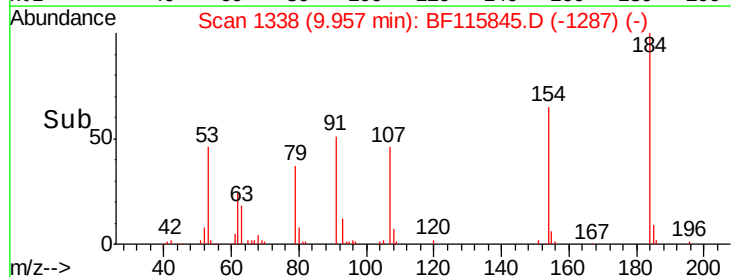
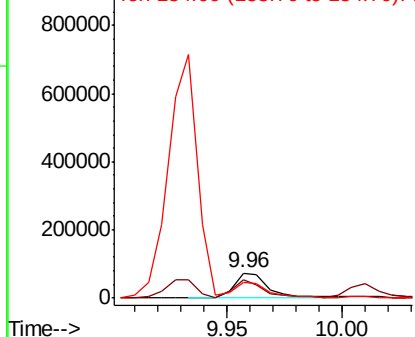


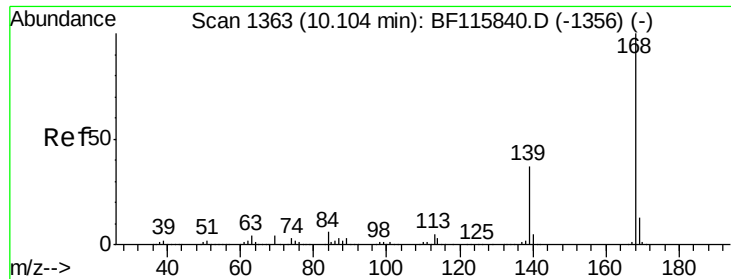
#54
 2,4-Dinitrophenol
 Concen: 38.084 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF115845.D
 Acq: 30 Jul 2019 16:48

Tgt Ion:184 Resp: 74897
 Ion Ratio Lower Upper
 184 100
 63 75.2 56.7 85.1
 154 65.1 51.9 77.9



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

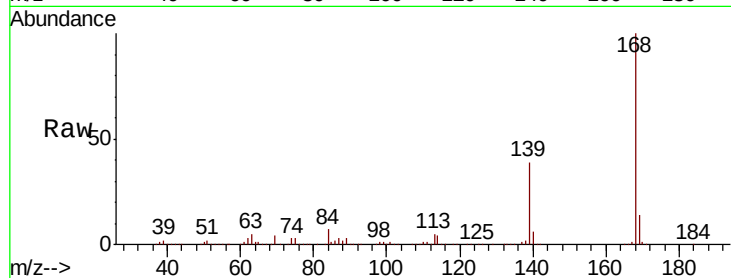




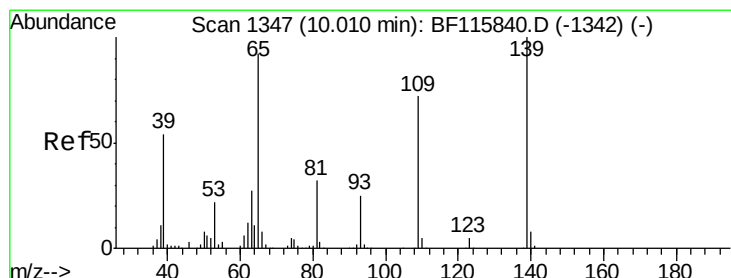
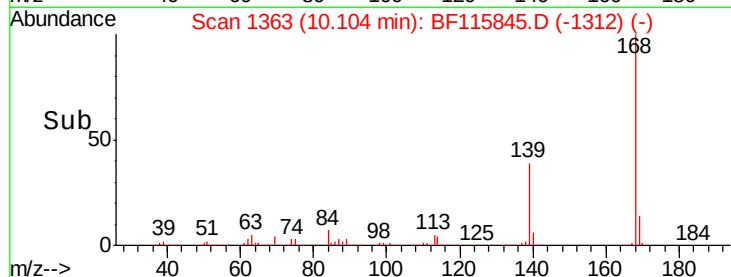
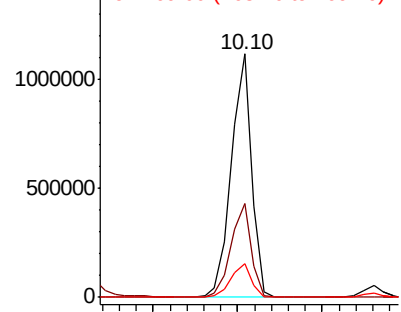
#55
Dibenzofuran
Concen: 41.358 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

Instrument :
BNA_F
ClientSampleId :
ICVBF073019

Tot Ion:168 Resp: 938329
Ion Ratio Lower Upper
168 100
139 38.7 30.2 45.2
169 13.7 10.8 16.2

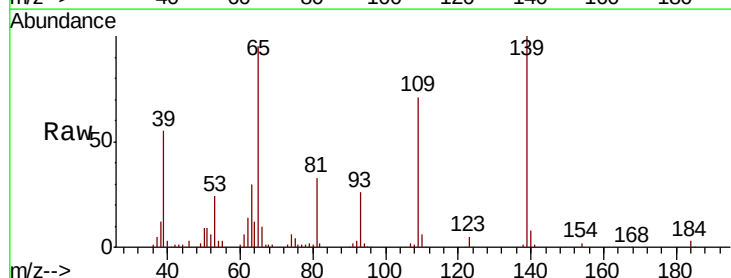


Abundance Ion 168.00 (167.70 to 168.70): E
1500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

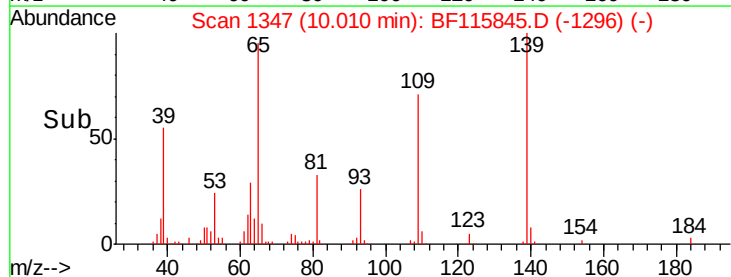
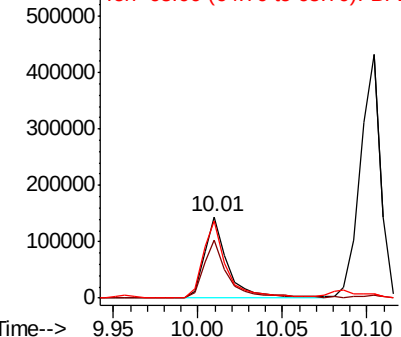


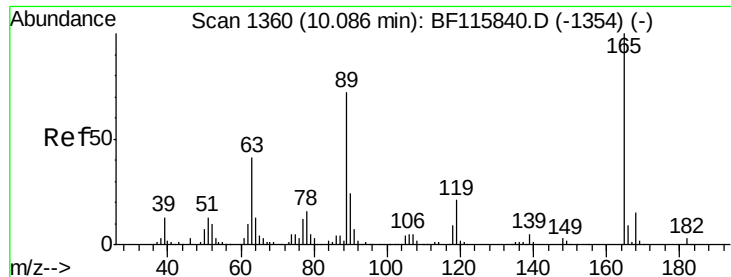
#56
4-Nitrophenol
Concen: 40.744 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

Tgt Ion:139 Resp: 141564
Ion Ratio Lower Upper
139 100
109 71.4 52.0 92.0
65 94.5 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E
600000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

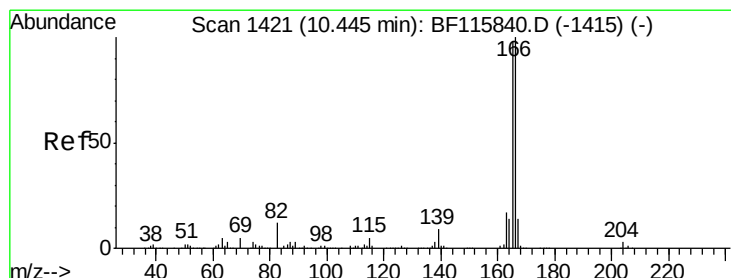
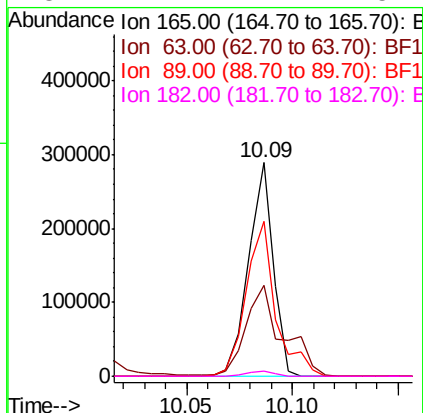
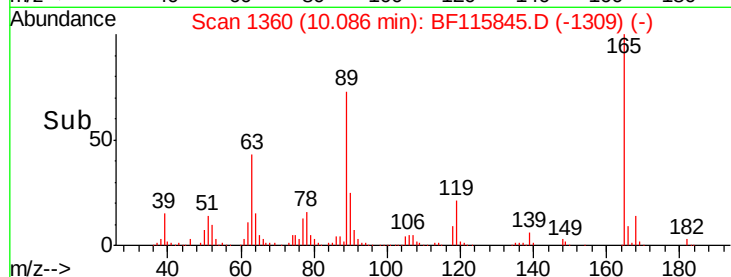
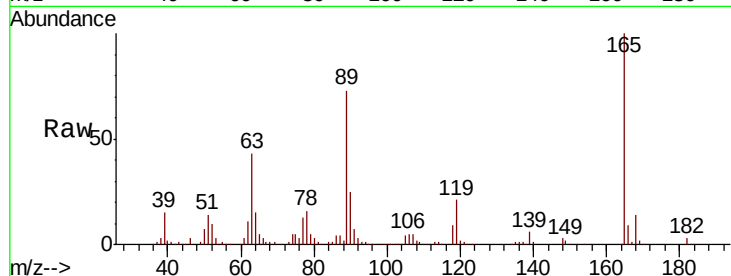




#57
2,4-Dinitrotoluene
Concen: 40.434 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

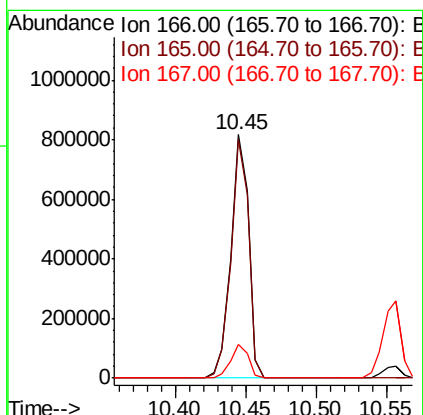
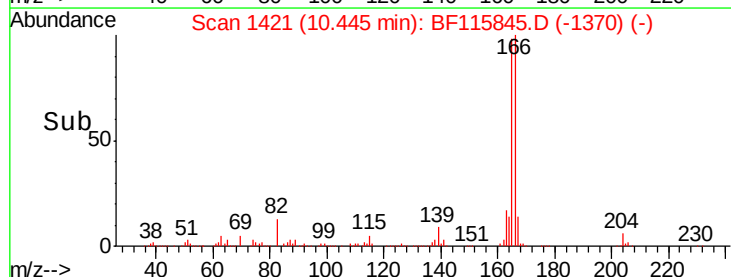
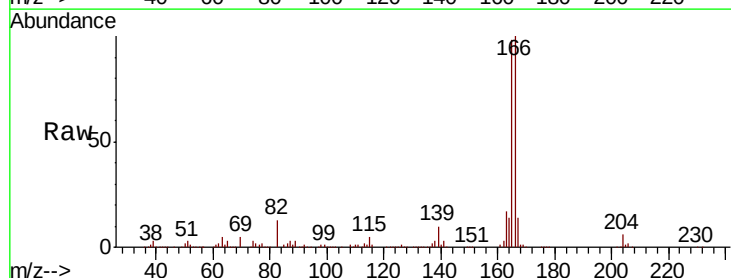
Instrument :
BNA_F
ClientSampleId :
ICVBF073019

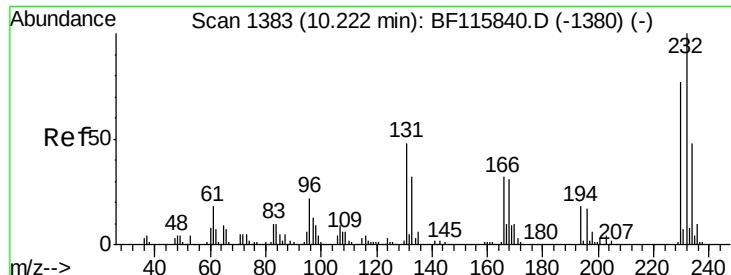
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.5	33.2	49.8
89	72.5	57.3	85.9
182	2.7	2.1	3.1



#58
Fluorene
Concen: 40.914 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	118.0
167	13.7	10.9	16.3

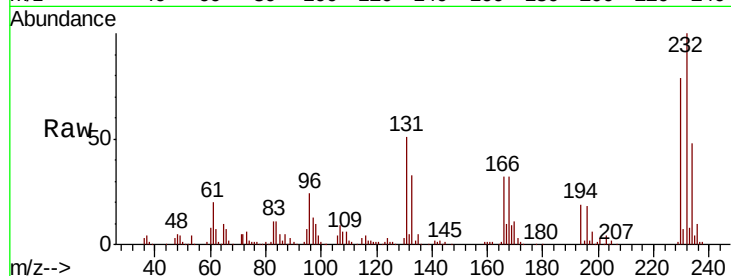




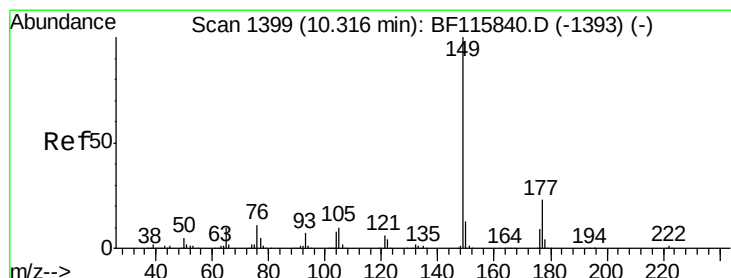
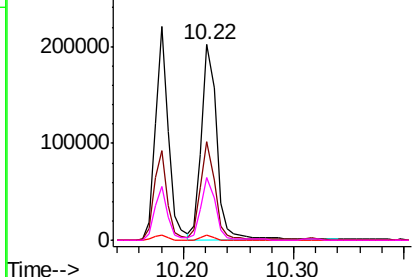
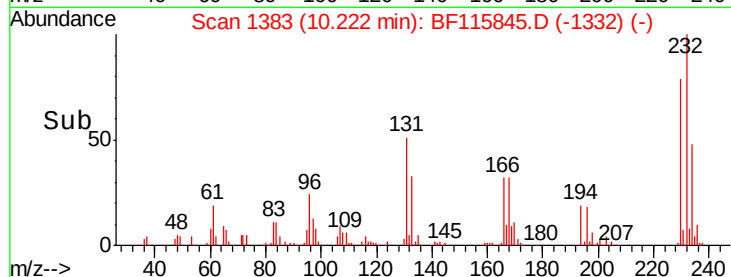
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.257 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF115845.D
 Acq: 30 Jul 2019 16:48

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073019

Tot Ion:232 Resp: 191113
 Ion Ratio Lower Upper
 232 100
 131 46.8 37.6 56.4
 130 2.4 1.8 2.8
 166 30.2 24.6 37.0

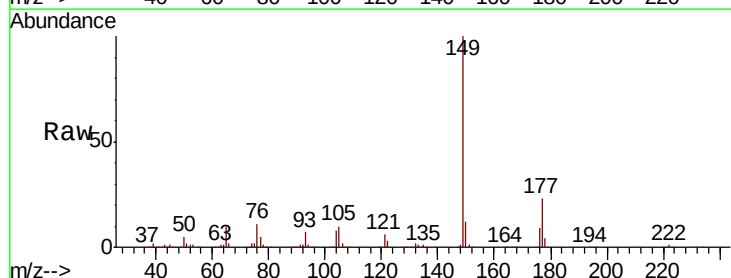


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

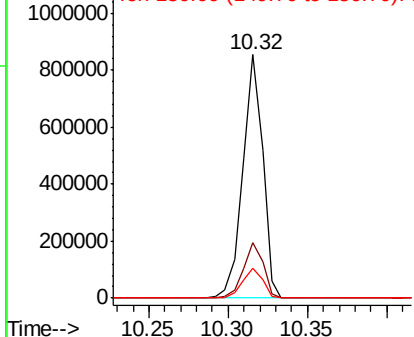
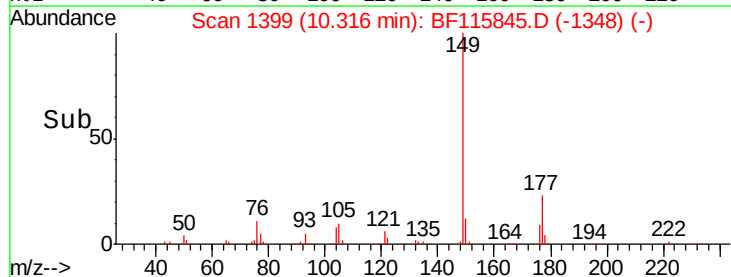


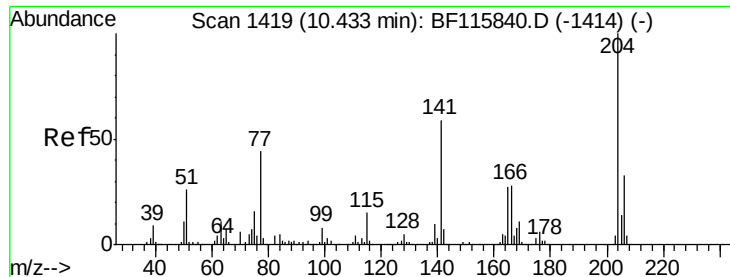
#60
 Diethylphthalate
 Concen: 39.343 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF115845.D
 Acq: 30 Jul 2019 16:48

Tgt Ion:149 Resp: 741929
 Ion Ratio Lower Upper
 149 100
 177 22.9 18.4 27.6
 150 12.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

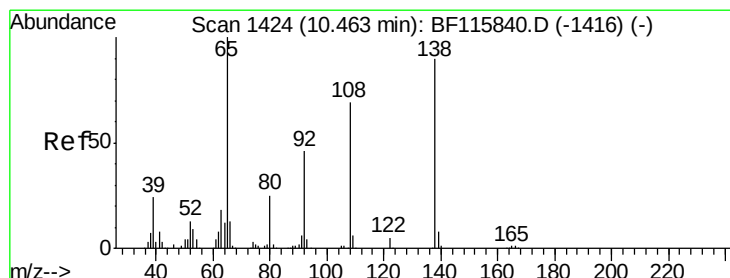
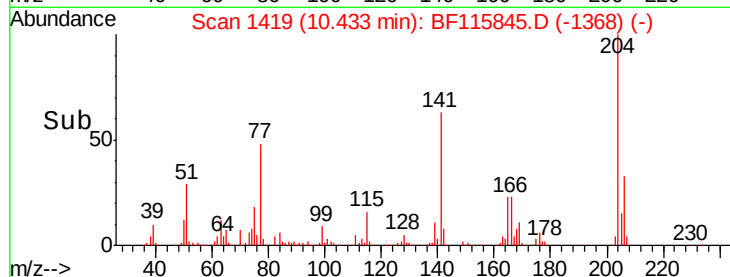
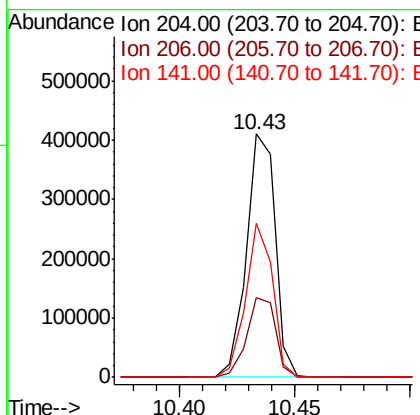
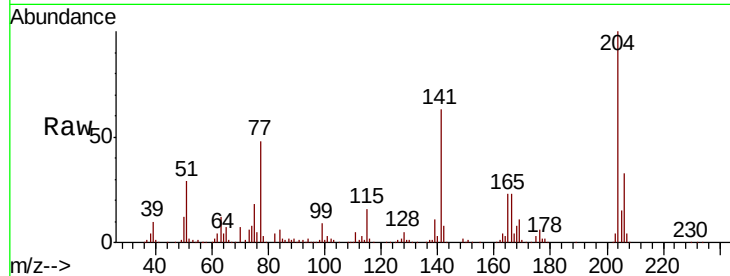




#61
4-Chlorophenyl-phenylether
Concen: 40.587 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

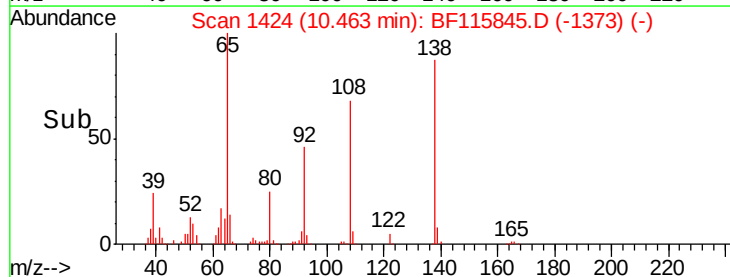
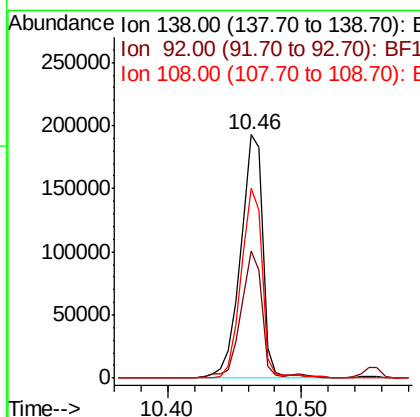
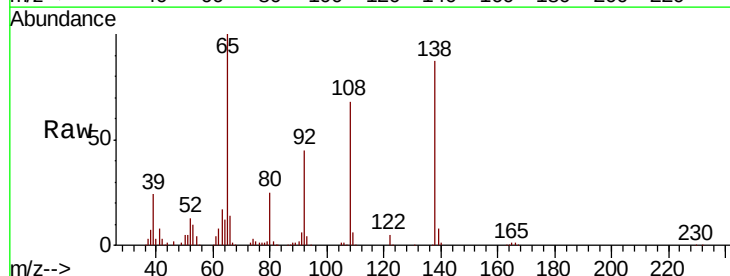
Instrument :
BNA_F
ClientSampleId :
ICVBF073019

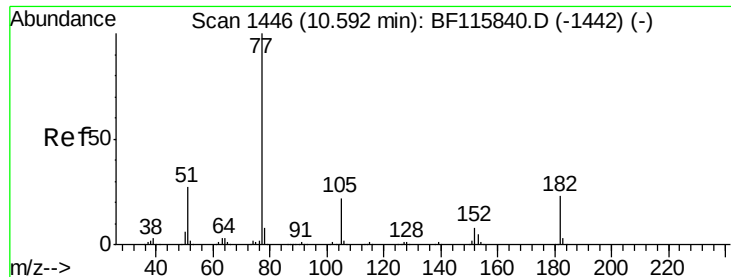
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.4	39.6
141	63.1	47.0	70.4



#62
4-Nitroaniline
Concen: 39.786 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.4	31.0	71.0
108	78.1	56.7	96.7





#63

Azobenzene

Concen: 40.324 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

Instrument :

BNA_F

ClientSampleId :

ICVBF073019

Tot Ion: 77 Resp: 782142

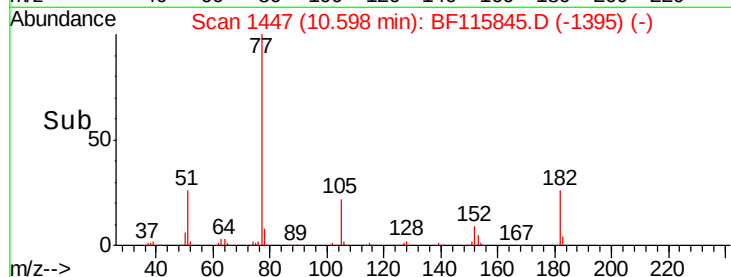
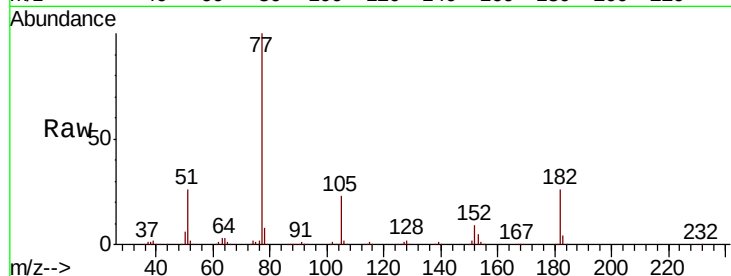
Ion Ratio Lower Upper

77 100

182 26.3 2.6 42.6

105 22.5 1.6 41.6

51 25.9 7.4 47.4

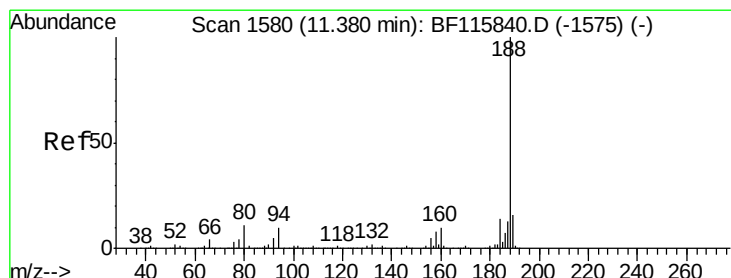
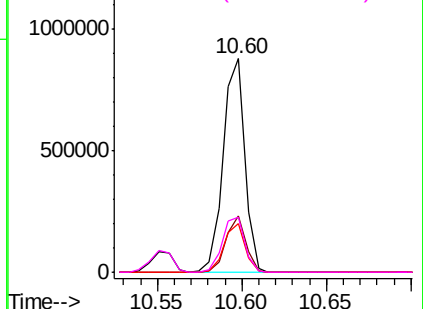


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

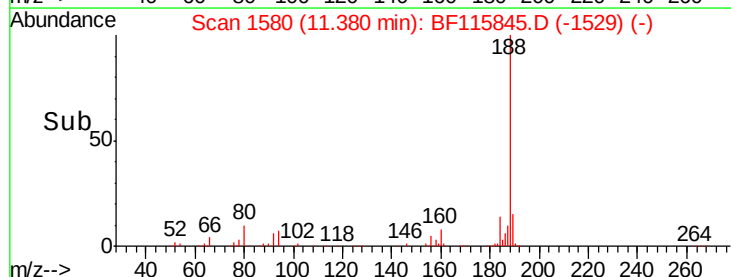
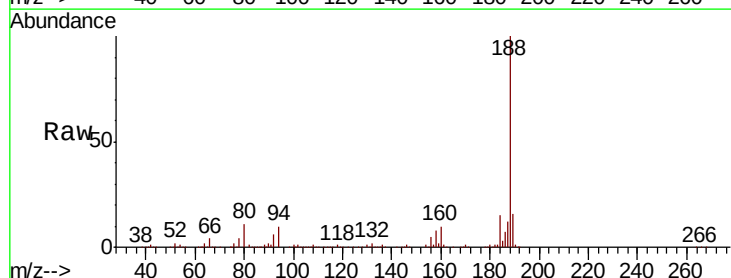
Tgt Ion: 188 Resp: 511794

Ion Ratio Lower Upper

188 100

94 10.1 8.0 12.0

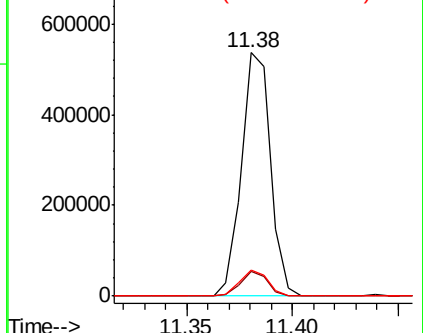
80 10.9 8.6 12.8

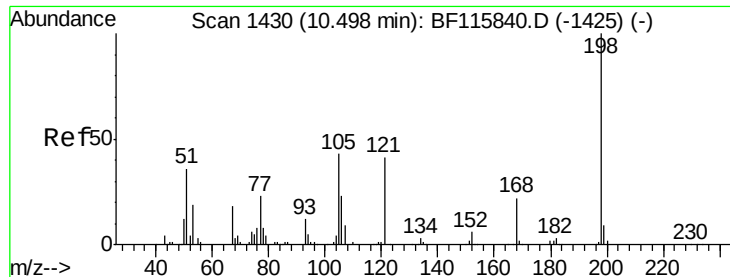


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.310 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

Instrument :

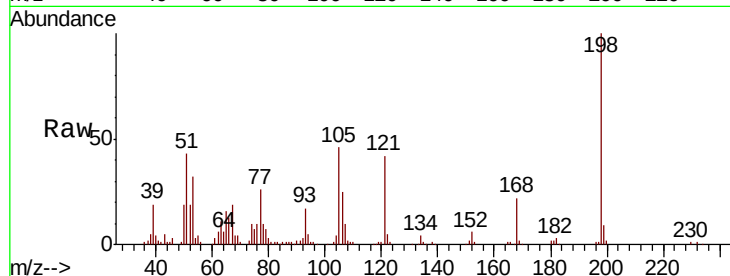
BNA_F

ClientSampleId :

ICVBF073019

Tot Ion:198 Resp: 109327

Ion	Ratio	Lower	Upper
198	100		
51	43.4	21.1	61.1
105	45.9	24.5	64.5

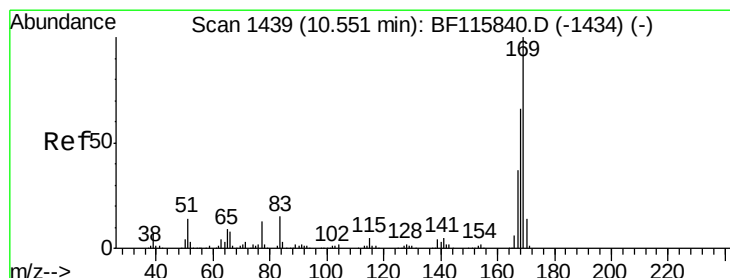
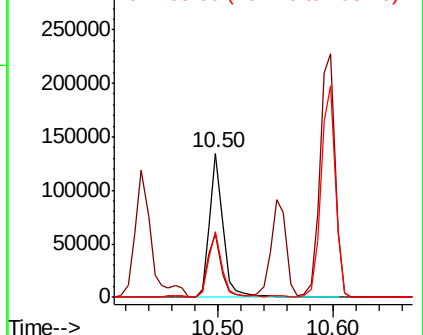
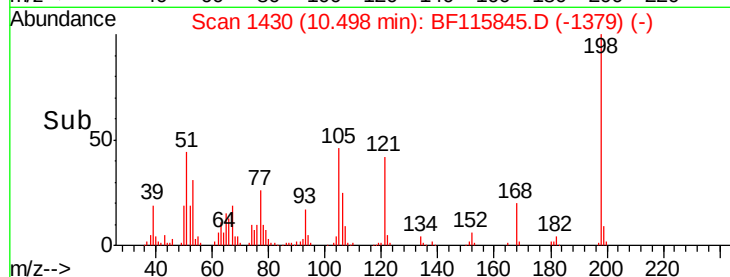


Abundance

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: 40.648 ng

RT: 10.56 min Scan# 1440

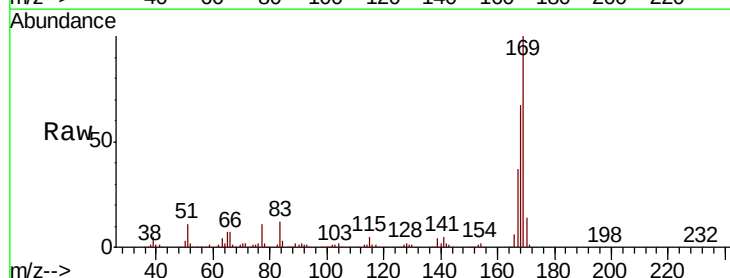
Delta R.T. 0.01 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

Tgt Ion:169 Resp: 626154

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.0	79.6
167	37.1	29.9	44.9

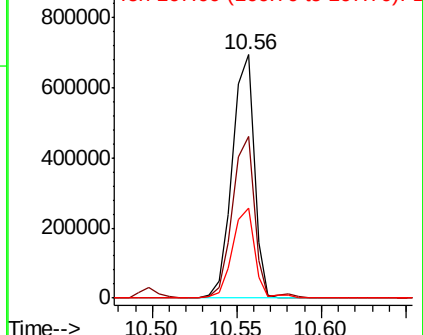
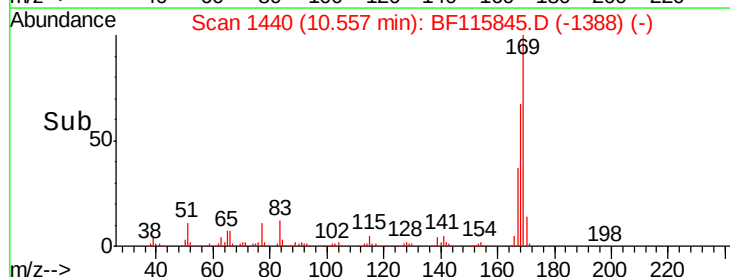


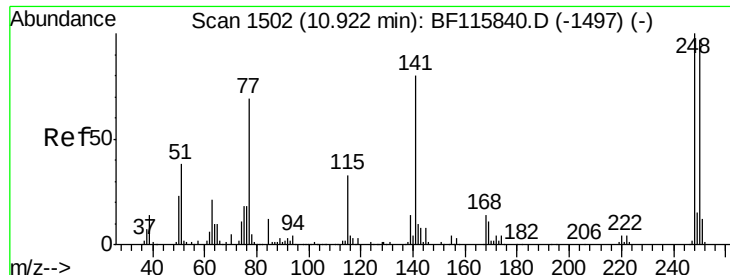
Abundance

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

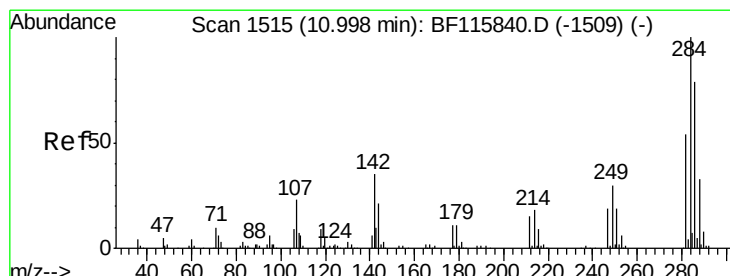
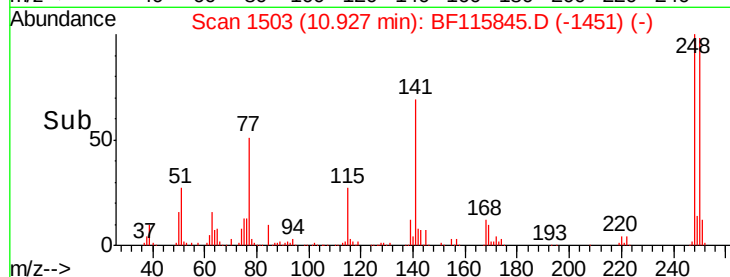
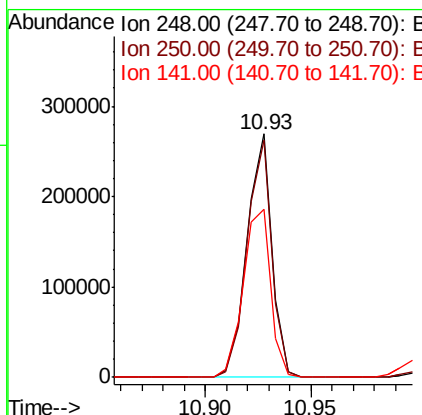
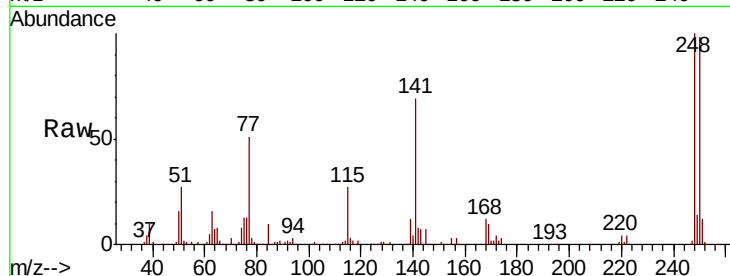




#67
 4-Bromophenyl-phenylether
 Concen: 40.317 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.01 min
 Lab File: BF115845.D
 Acq: 30 Jul 2019 16:48

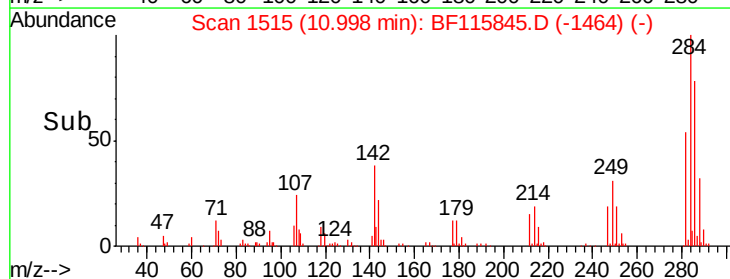
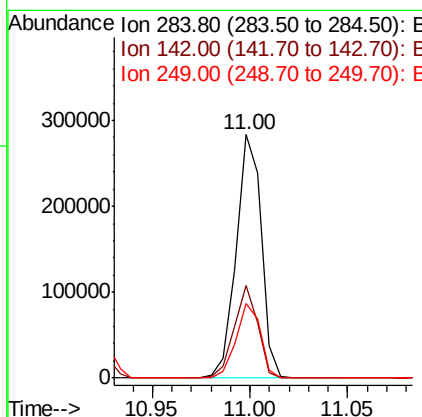
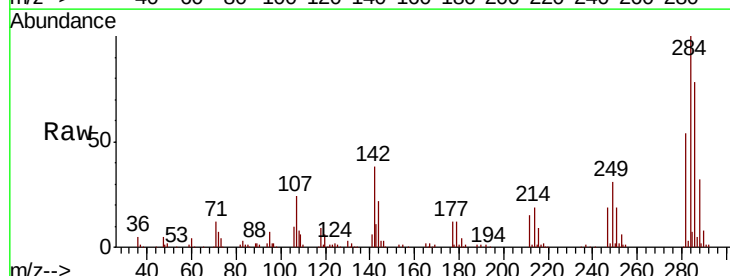
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073019

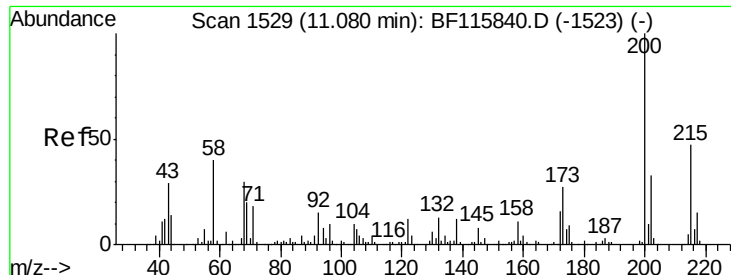
Tot Ion:248 Resp: 220888
 Ion Ratio Lower Upper
 248 100
 250 97.5 77.8 116.6
 141 68.9 64.3 96.5



#68
 Hexachlorobenzene
 Concen: 39.900 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: BF115845.D
 Acq: 30 Jul 2019 16:48

Tgt Ion:284 Resp: 252779
 Ion Ratio Lower Upper
 284 100
 142 38.3 28.2 42.2
 249 30.8 24.0 36.0

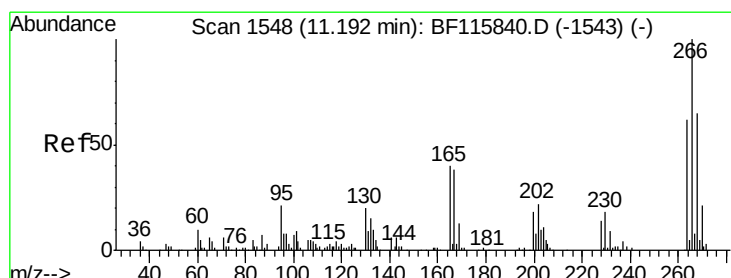
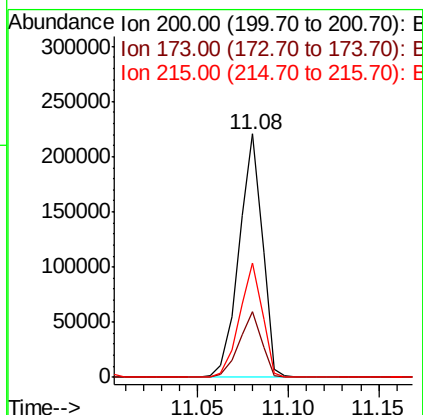
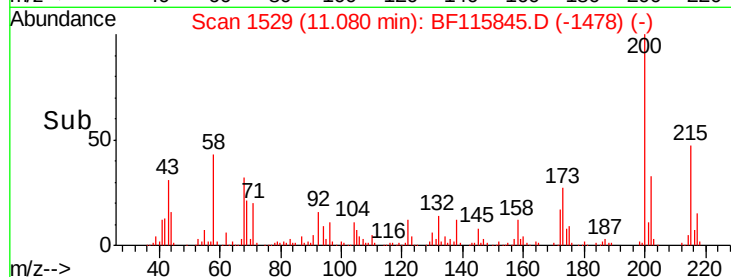
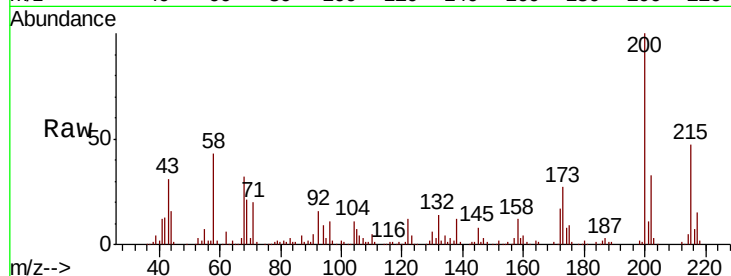




#69
 Atrazine
 Concen: 38.819 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF115845.D
 Acq: 30 Jul 2019 16:48

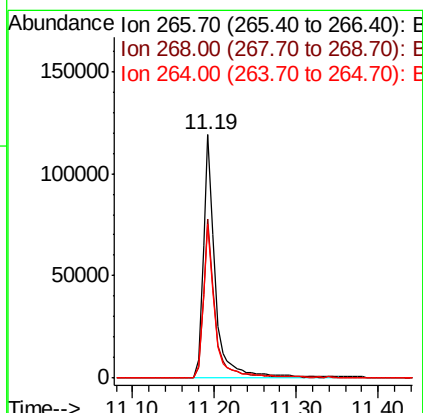
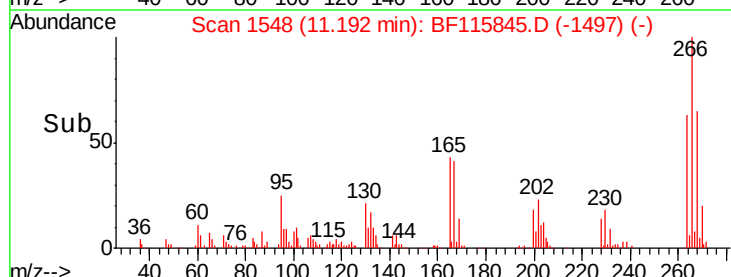
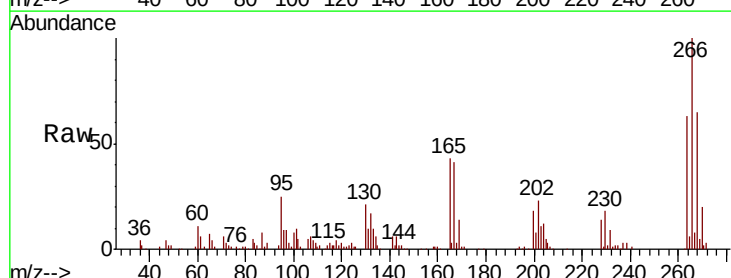
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073019

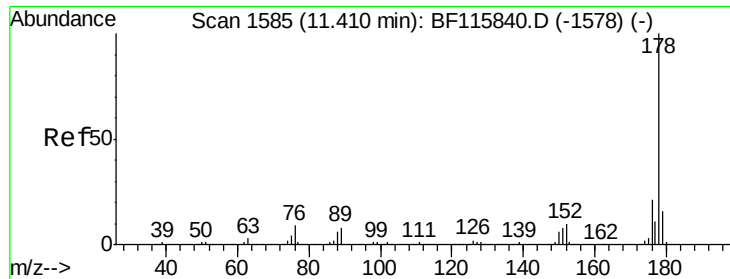
Tot Ion:200 Resp: 196724
 Ion Ratio Lower Upper
 200 100
 173 27.2 7.3 47.3
 215 46.9 26.9 66.9



#70
 Pentachlorophenol
 Concen: 40.264 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BF115845.D
 Acq: 30 Jul 2019 16:48

Tgt Ion:266 Resp: 123843
 Ion Ratio Lower Upper
 266 100
 268 65.1 51.6 77.4
 264 63.4 49.4 74.0

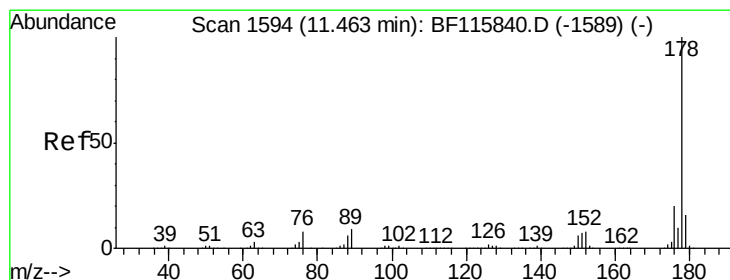
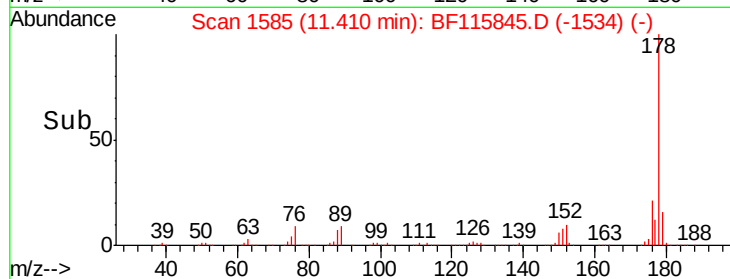
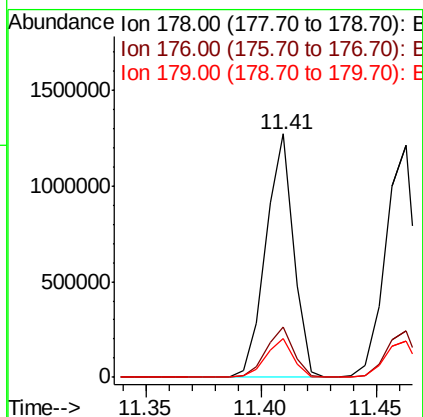
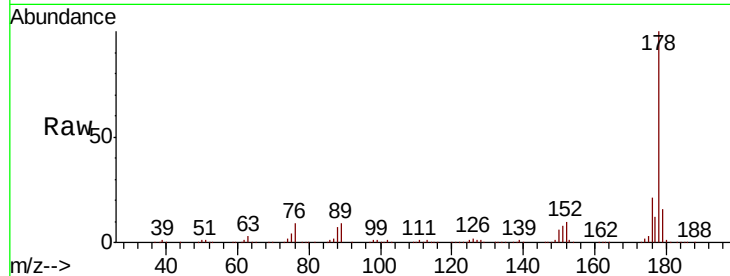




#71
Phenanthrene
Concen: 40.757 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

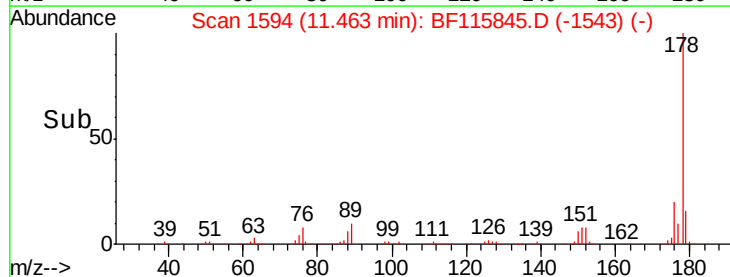
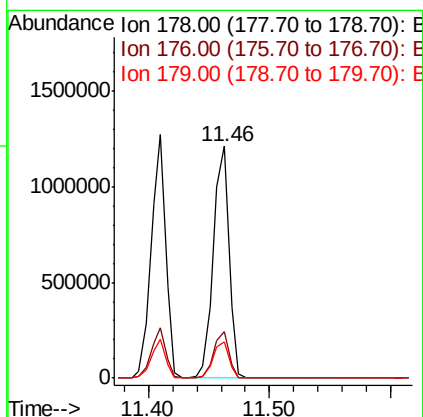
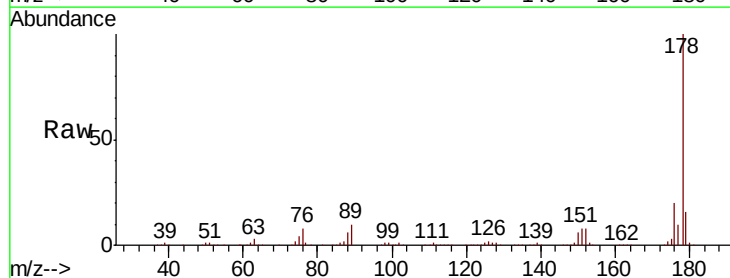
Instrument :
BNA_F
ClientSampleId :
ICVBF073019

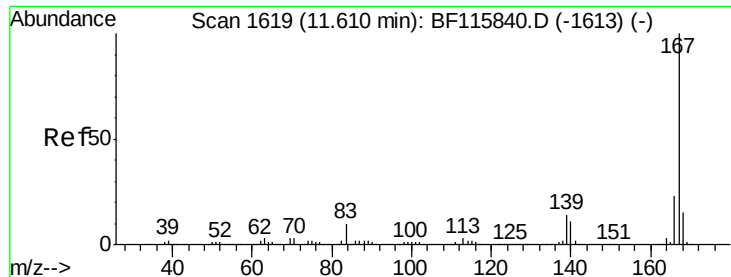
Tot Ion:178 Resp: 1066355
Ion Ratio Lower Upper
178 100
176 20.6 16.5 24.7
179 15.9 12.6 18.8



#72
Anthracene
Concen: 40.790 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

Tgt Ion:178 Resp: 1080095
Ion Ratio Lower Upper
178 100
176 20.1 15.7 23.5
179 15.9 12.4 18.6

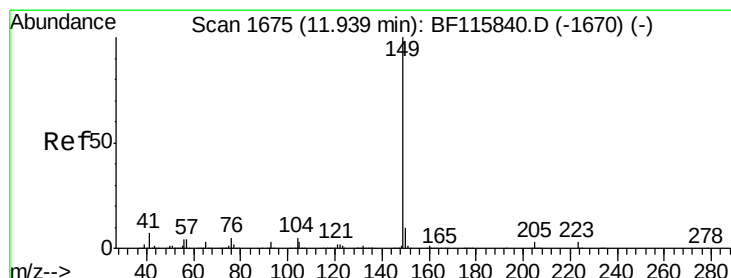
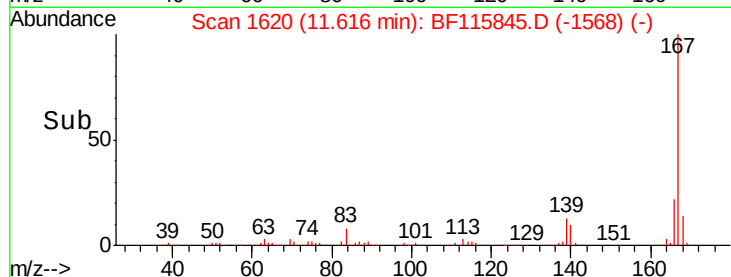
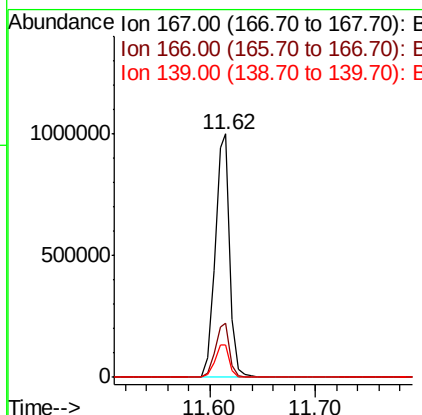
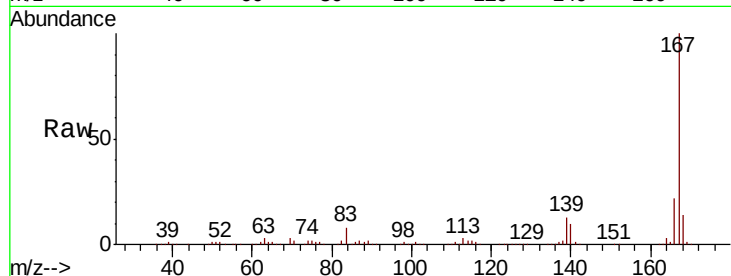




#73
 Carbazole
 Concen: 40.738 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115845.D
 Acq: 30 Jul 2019 16:48

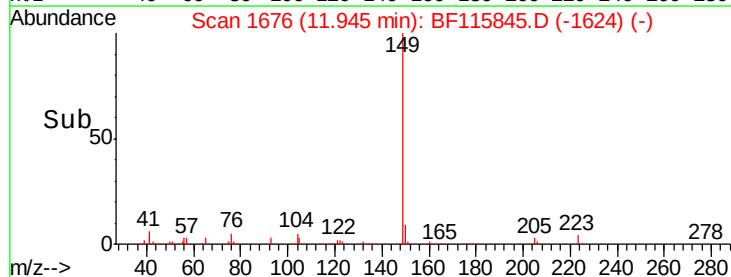
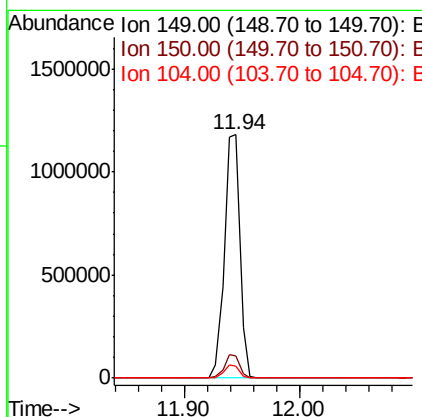
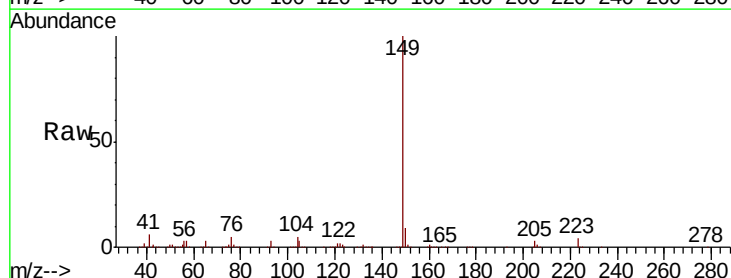
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073019

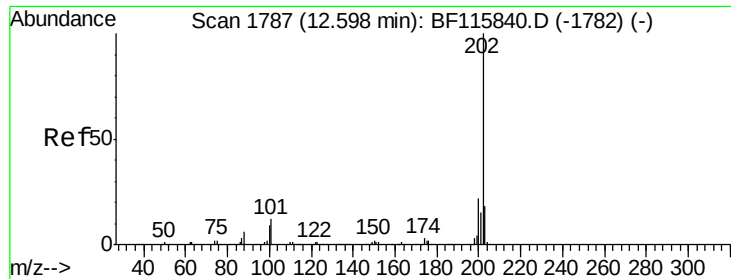
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.0	27.0
139	13.4	11.4	17.2



#74
 Di-n-butylphthalate
 Concen: 39.334 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. 0.01 min
 Lab File: BF115845.D
 Acq: 30 Jul 2019 16:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.0	4.3	6.5

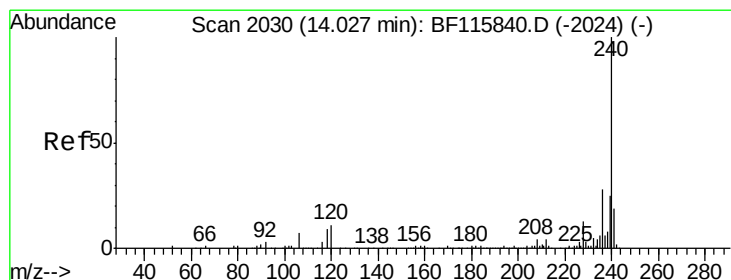
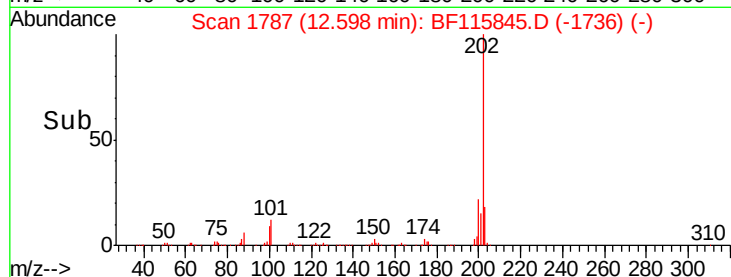
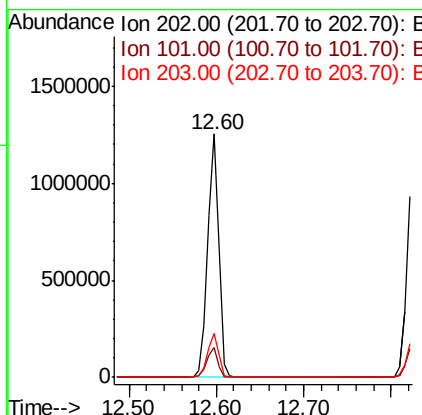
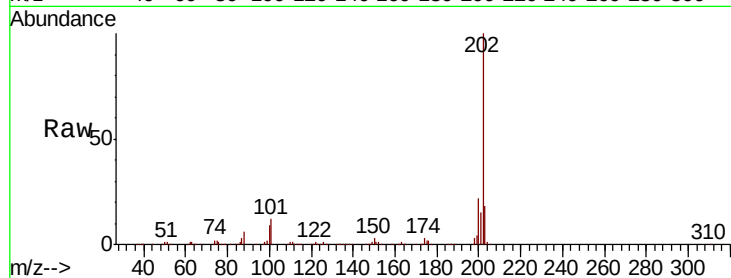




#75
Fluoranthene
Concen: 40.376 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

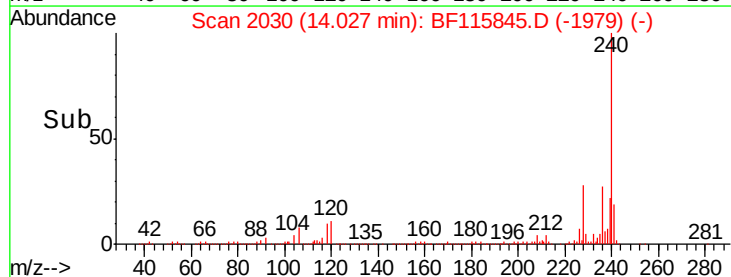
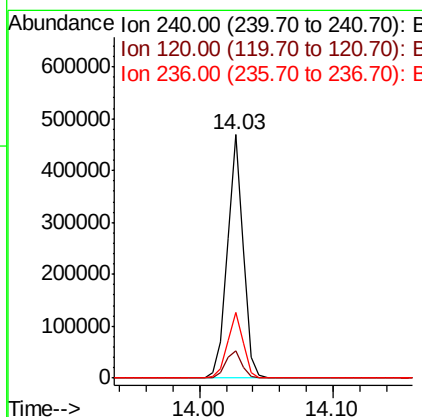
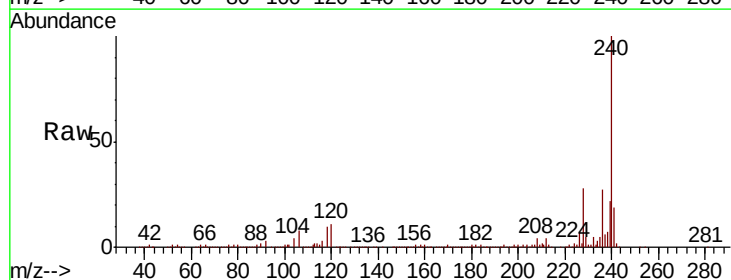
Instrument :
BNA_F
ClientSampleId :
ICVBF073019

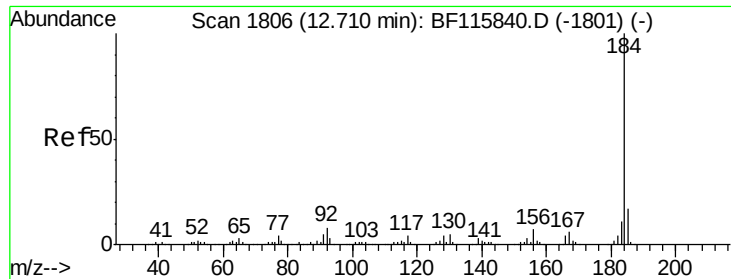
Tot Ion:202 Resp: 1105955
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.5
203 18.2 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

Tgt Ion:240 Resp: 394846
Ion Ratio Lower Upper
240 100
120 11.1 8.5 12.7
236 27.2 22.2 33.2





#77

Benzidine

Concen: 38.596 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

Instrument :

BNA_F

ClientSampleId :

ICVBF073019

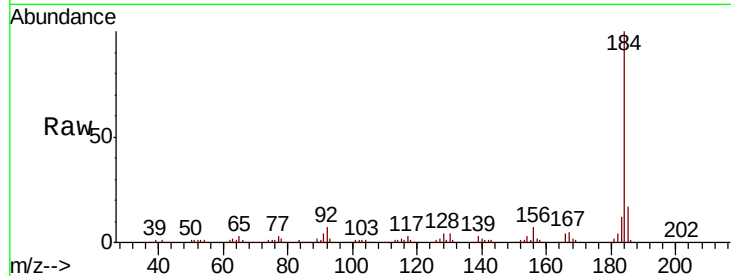
Tot Ion:184 Resp: 514853

Ion Ratio Lower Upper

184 100

185 17.2 13.4 20.2

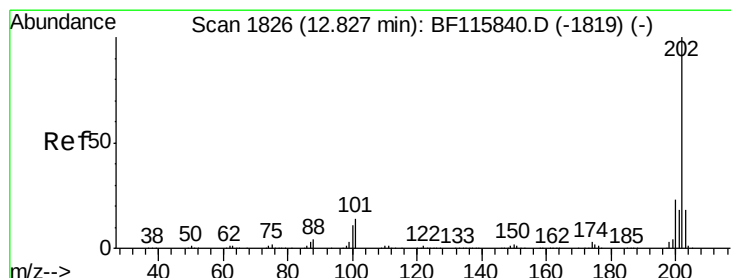
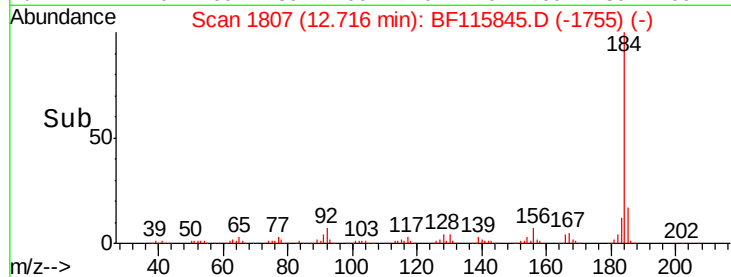
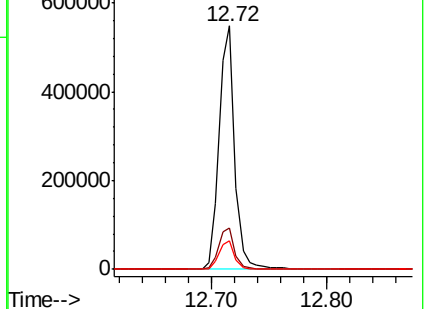
183 11.7 9.1 13.7



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: 38.030 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

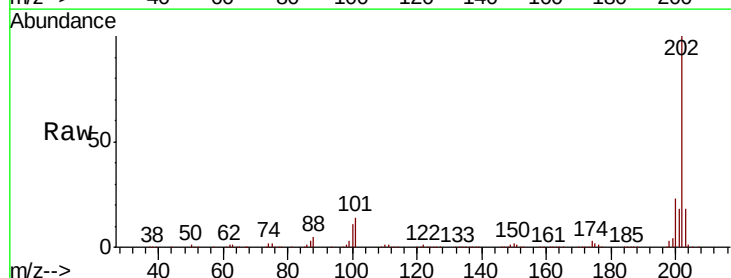
Tgt Ion:202 Resp: 1131927

Ion Ratio Lower Upper

202 100

200 22.9 18.2 27.2

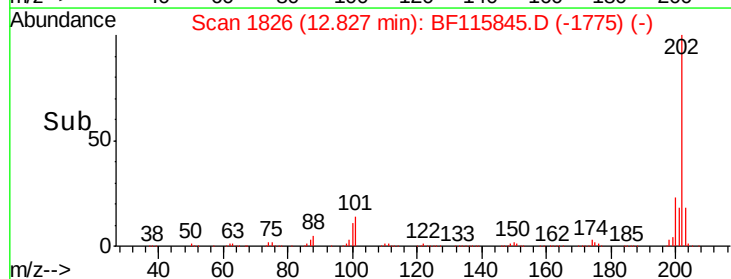
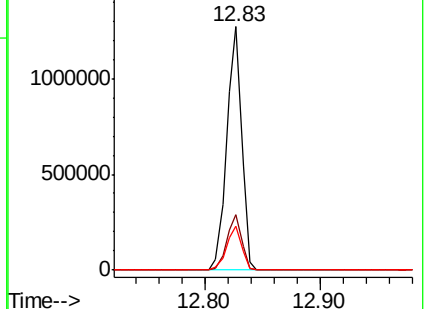
203 18.2 14.3 21.5

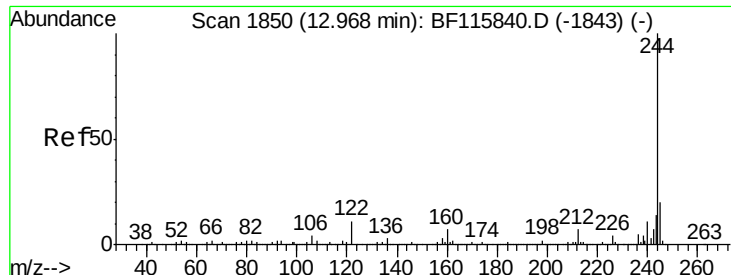


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.736 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

Instrument :

BNA_F

ClientSampleId :

ICVBF073019

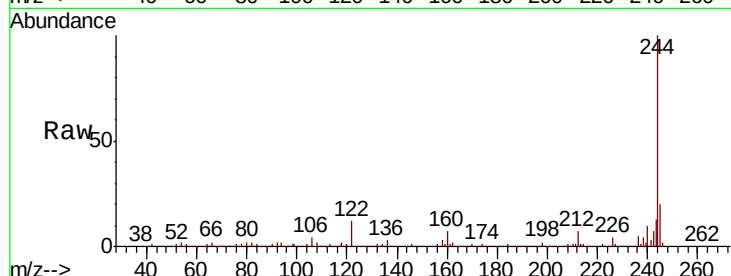
Tot Ion:244 Resp: 1400413

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

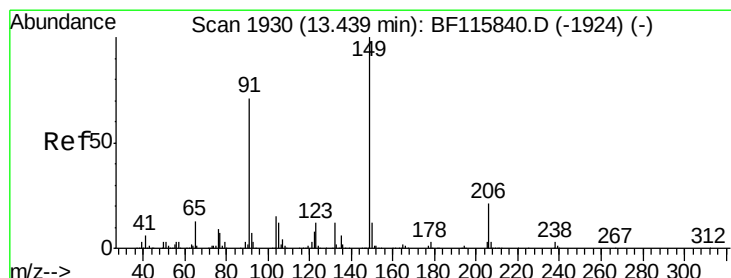
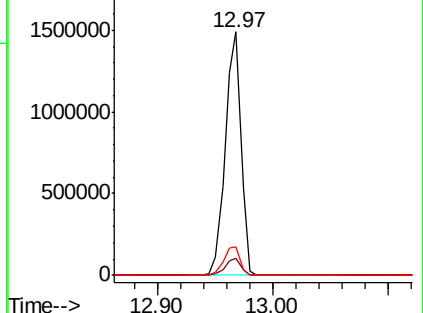
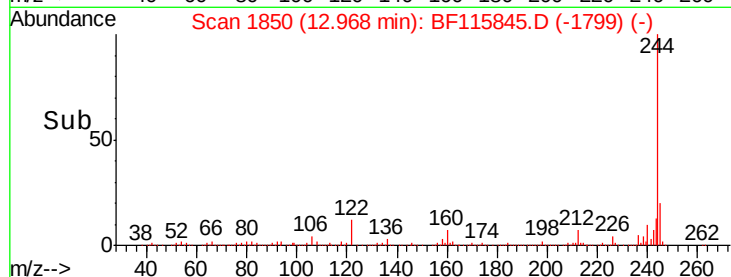
122 11.6 8.6 13.0



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: 37.146 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

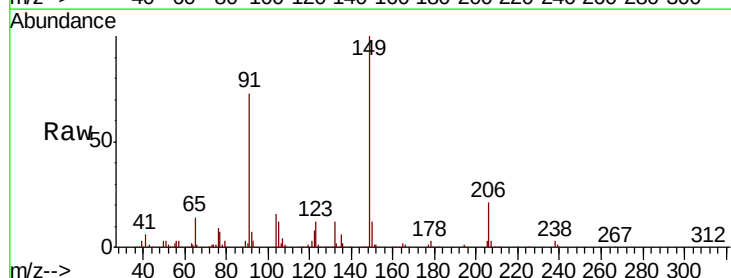
Tgt Ion:149 Resp: 467679

Ion Ratio Lower Upper

149 100

91 72.6 57.0 85.6

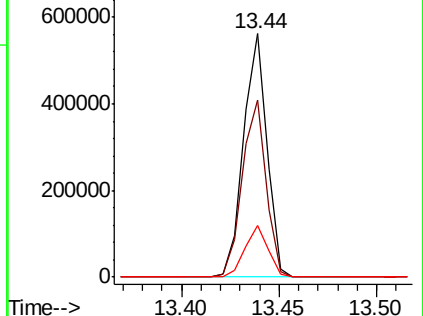
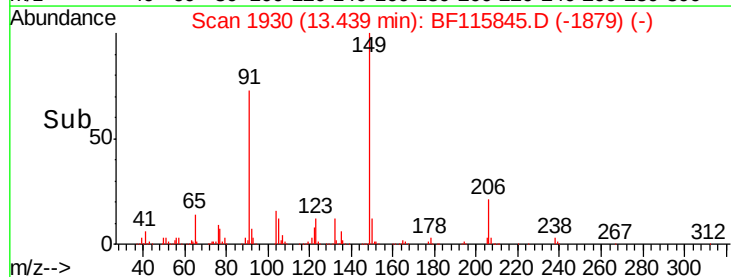
206 21.3 16.9 25.3

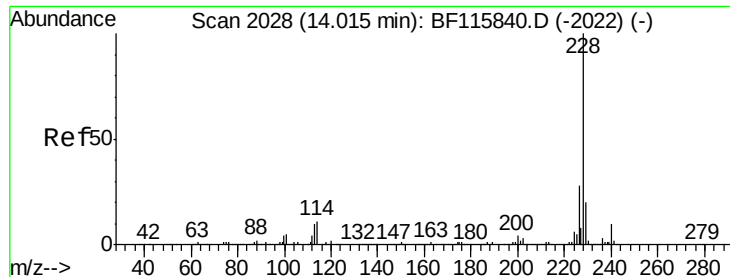


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.926 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

Instrument :

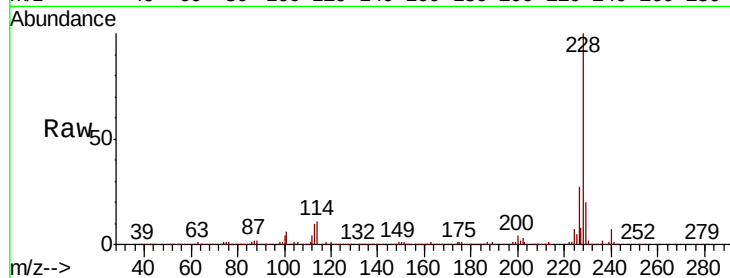
BNA_F

ClientSampleId :

ICVBF073019

Tot Ion:228 Resp: 1007628

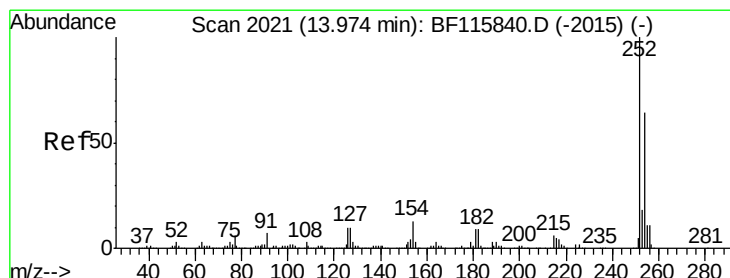
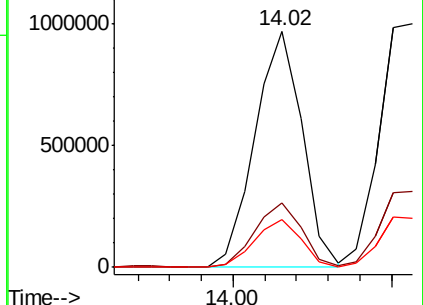
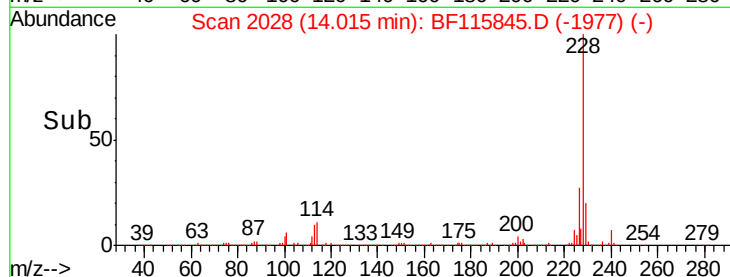
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.5	33.7
229	20.1	16.1	24.1



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: 40.002 ng

RT: 13.97 min Scan# 2021

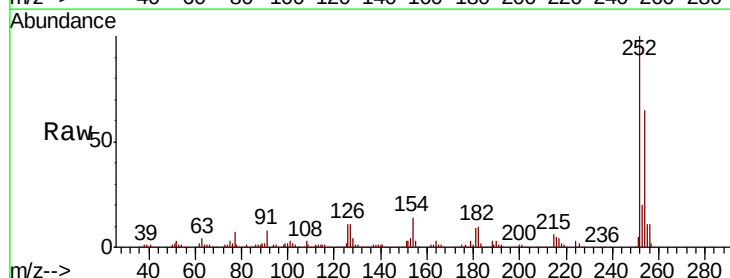
Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

Tgt Ion:252 Resp: 350732

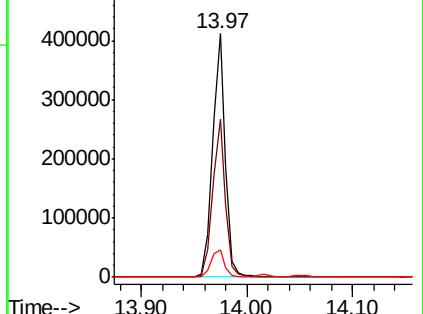
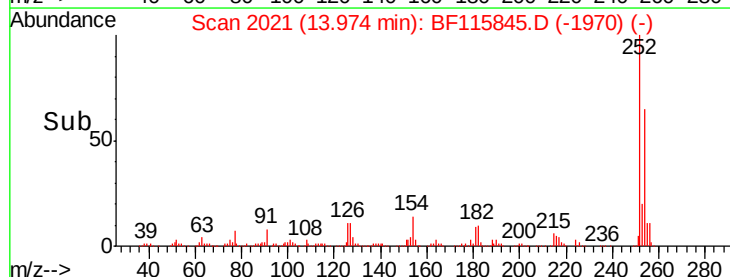
Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.2	76.8
126	11.2	8.1	12.1

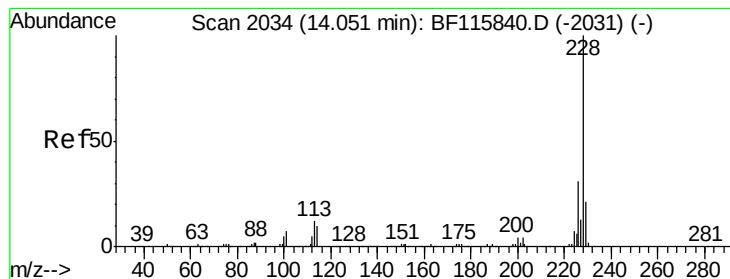


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.442 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

Instrument :

BNA_F

ClientSampleId :

ICVBF073019

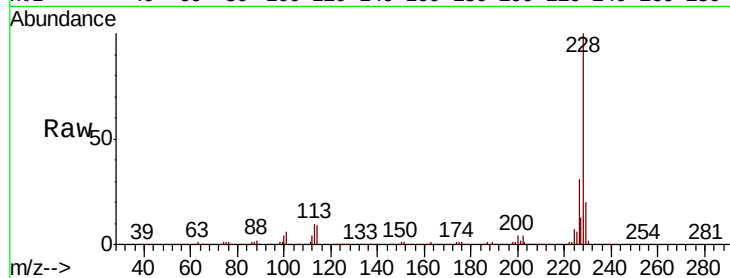
Tot Ion:228 Resp: 966377

Ion Ratio Lower Upper

228 100

226 31.1 24.8 37.2

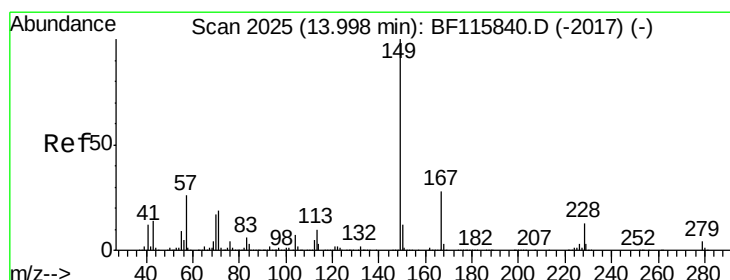
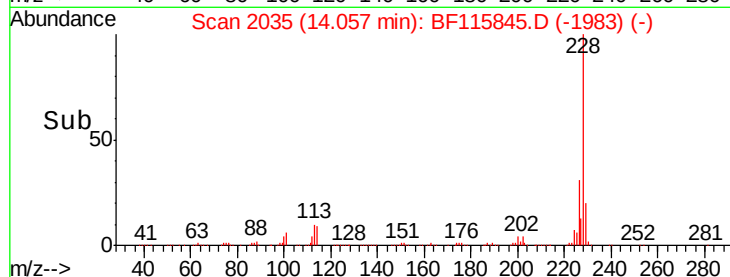
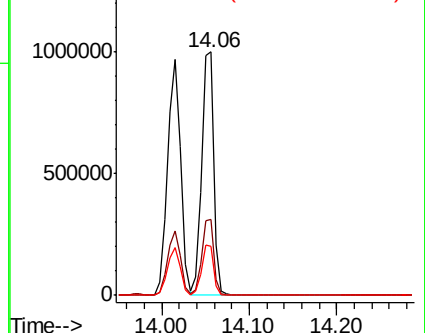
229 20.0 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.199 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

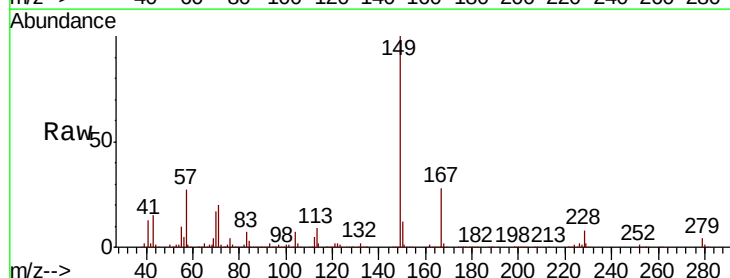
Tgt Ion:149 Resp: 608613

Ion Ratio Lower Upper

149 100

167 27.6 22.4 33.6

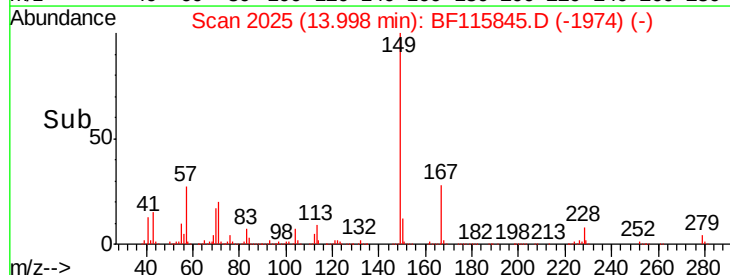
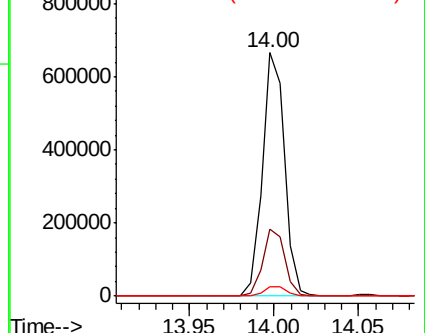
279 3.6 3.3 4.9

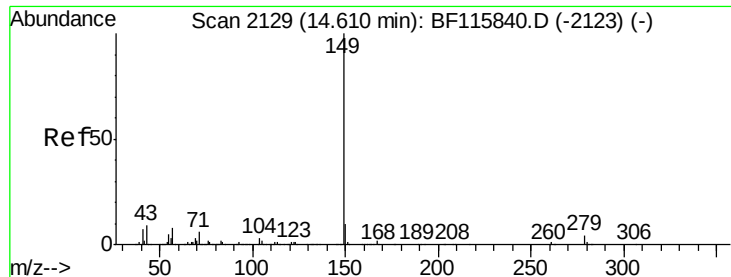


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.349 ng

RT: 14.62 min Scan# 2130

Delta R.T. 0.01 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

Instrument :

BNA_F

ClientSampleId :

ICVBF073019

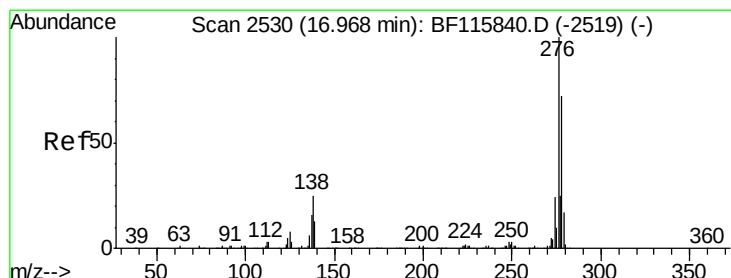
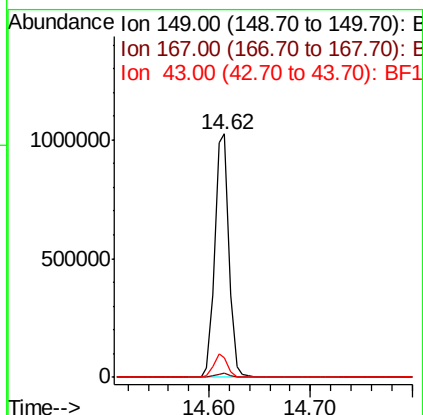
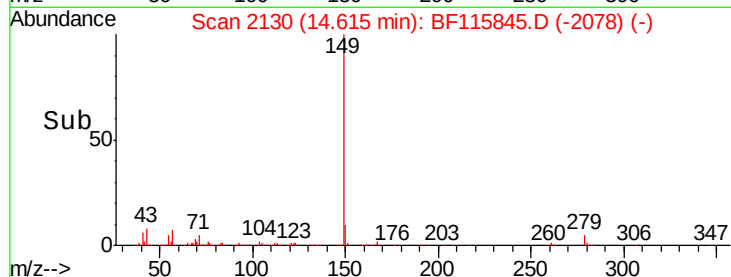
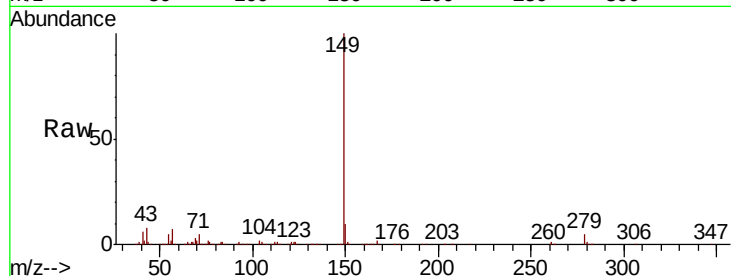
Tot Ion:149 Resp: 996592

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.3 7.4 11.0



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.158 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.01 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

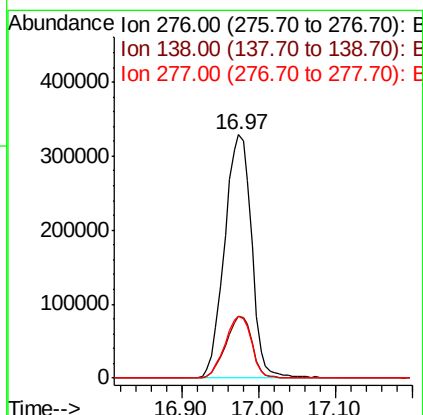
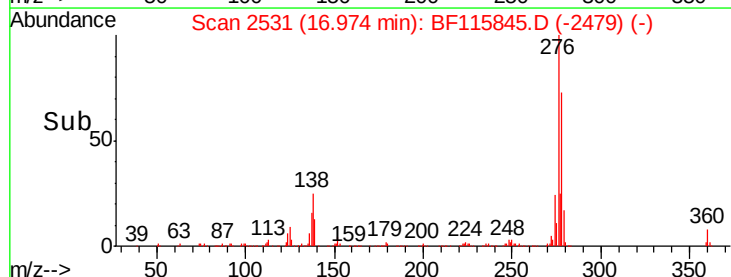
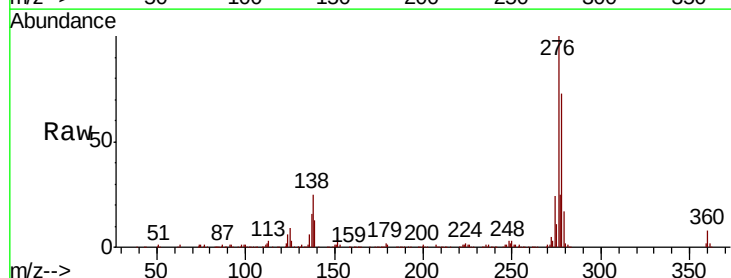
Tgt Ion:276 Resp: 805806

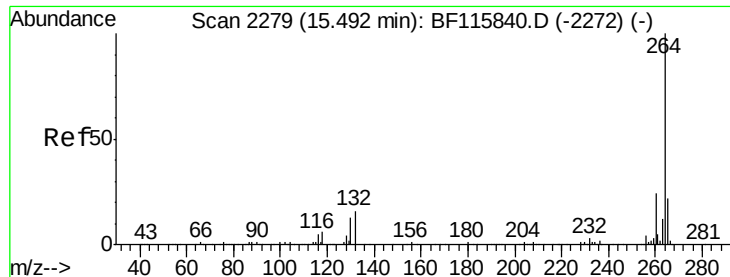
Ion Ratio Lower Upper

276 100

138 24.8 19.6 29.4

277 25.1 20.1 30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

Instrument :

BNA_F

ClientSampleId :

ICVBF073019

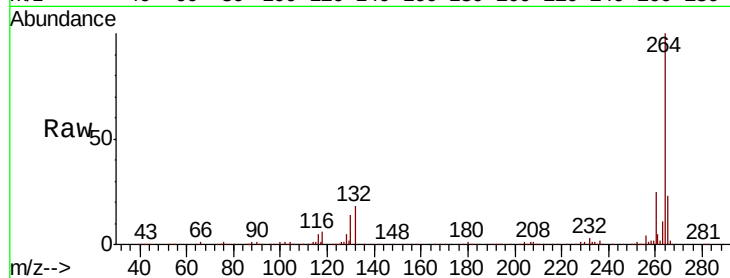
Tot Ion:264 Resp: 382100

Ion Ratio Lower Upper

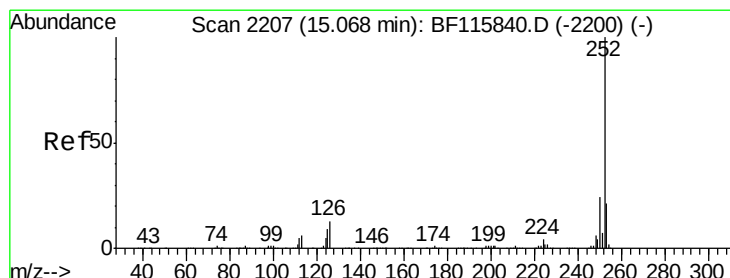
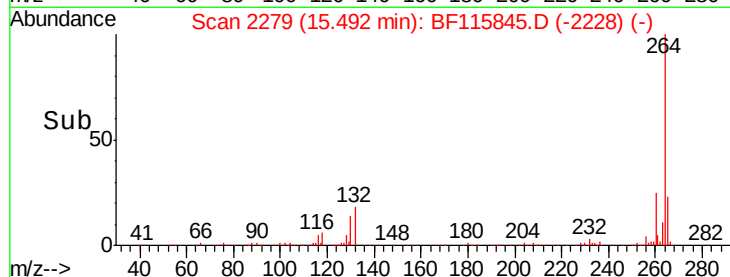
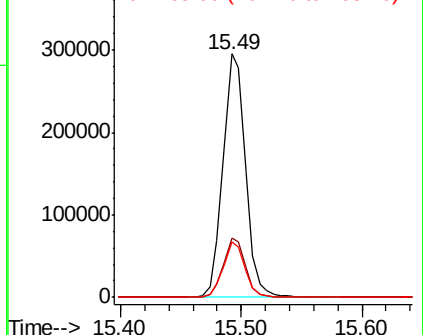
264 100

260 24.6 19.4 29.2

265 22.6 17.5 26.3



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: 39.338 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

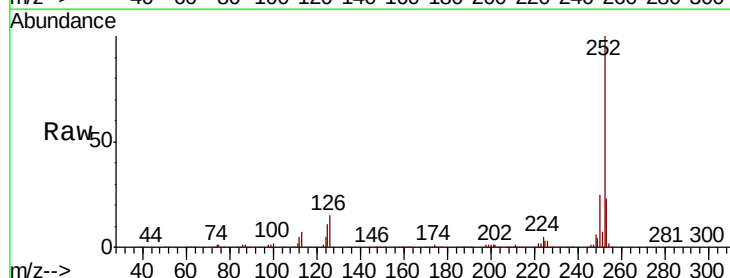
Tgt Ion:252 Resp: 869114

Ion Ratio Lower Upper

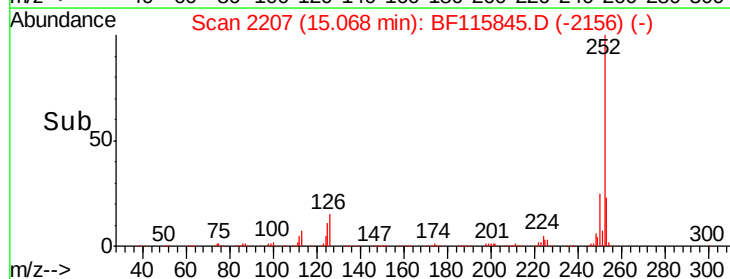
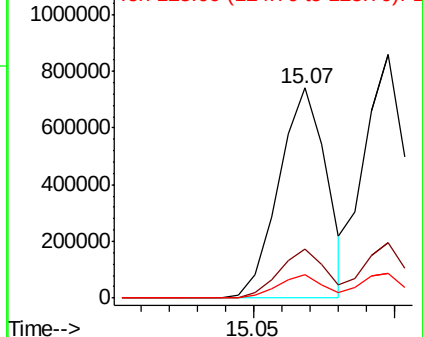
252 100

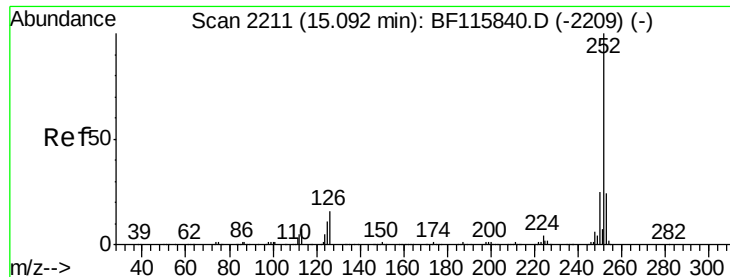
253 23.3 17.2 25.8

125 11.0 7.4 11.0



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

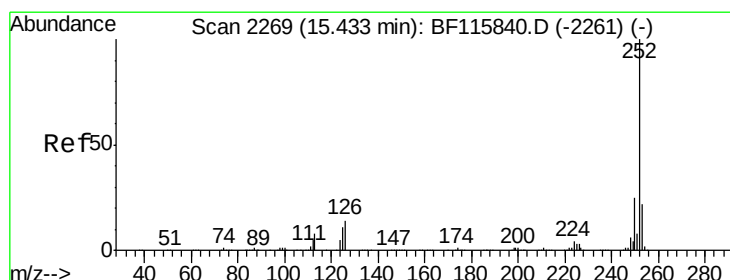
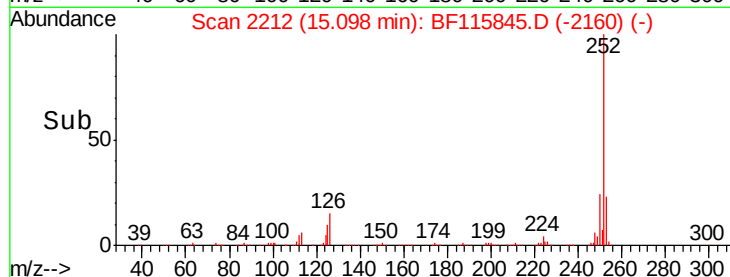
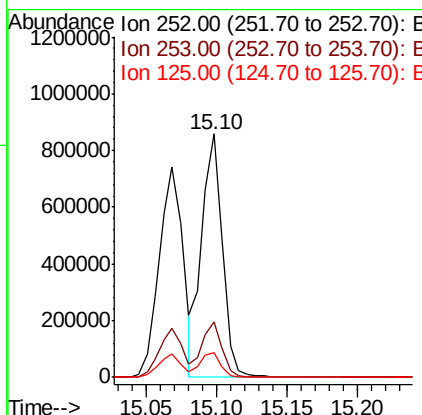
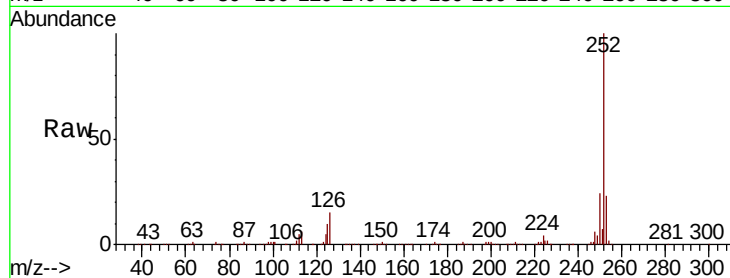




#89
Benzo(k)fluoranthene
Concen: 40.732 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

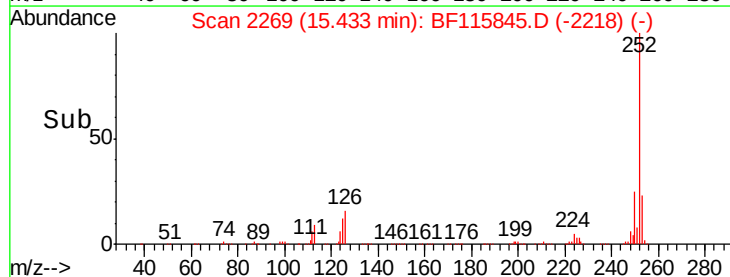
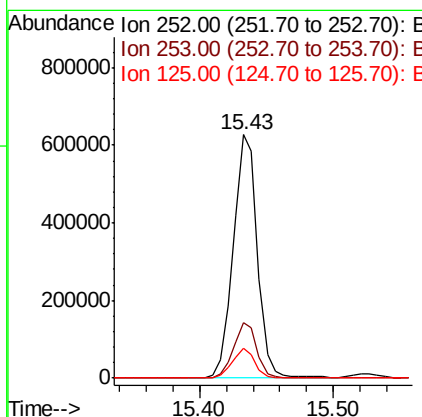
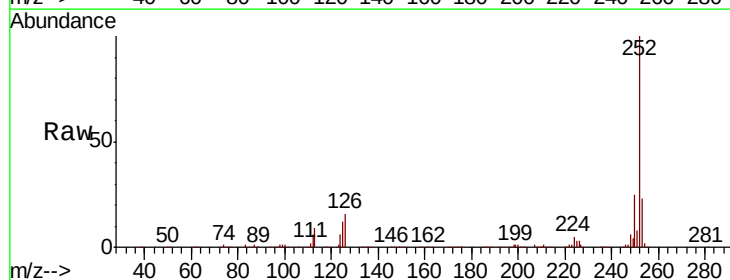
Instrument :
BNA_F
ClientSampleId :
ICVBF073019

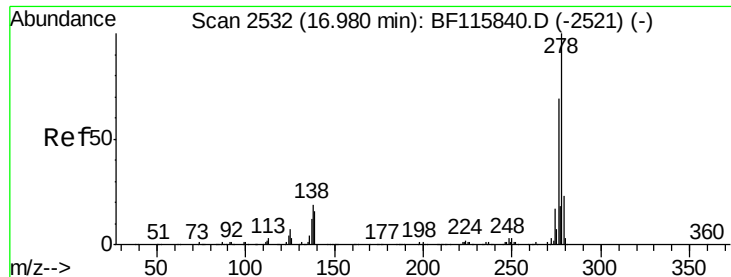
Tot Ion:252 Resp: 876514
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 10.1 8.9 13.3



#90
Benzo(a)pyrene
Concen: 39.973 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF115845.D
Acq: 30 Jul 2019 16:48

Tgt Ion:252 Resp: 789456
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 12.0 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 38.992 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

Instrument :

BNA_F

ClientSampleId :

ICVBF073019

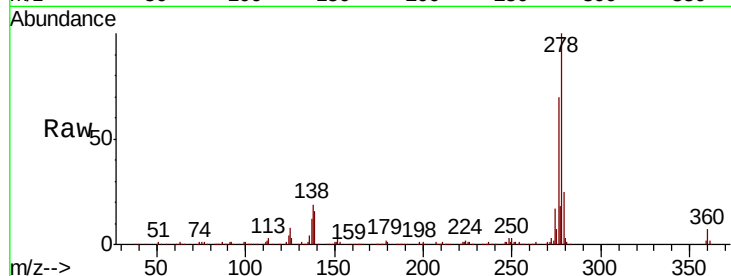
Tot Ion:278 Resp: 666587

Ion Ratio Lower Upper

278 100

139 16.3 12.6 19.0

279 24.5 18.8 28.2

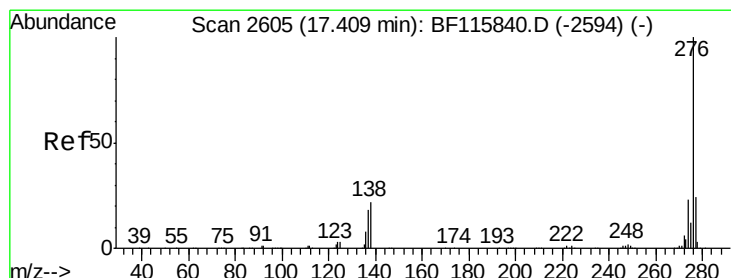
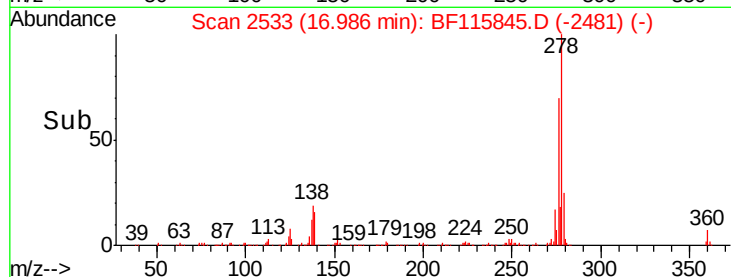
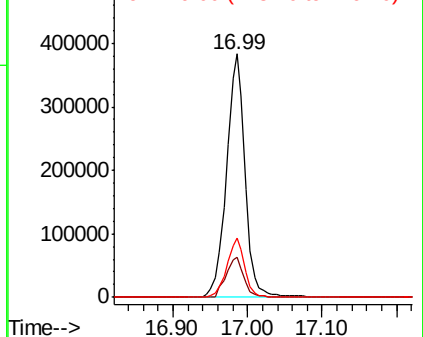


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.484 ng

RT: 17.42 min Scan# 2606

Delta R.T. 0.01 min

Lab File: BF115845.D

Acq: 30 Jul 2019 16:48

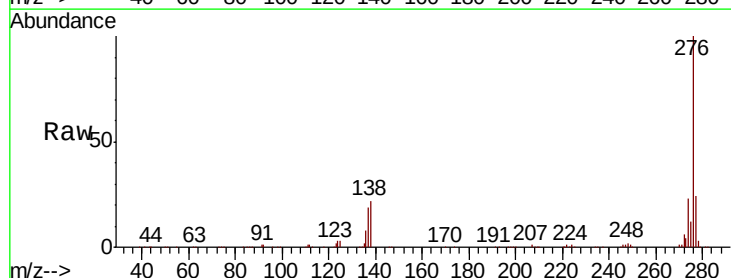
Tgt Ion:276 Resp: 629342

Ion Ratio Lower Upper

276 100

277 23.8 19.5 29.3

138 22.0 17.8 26.8



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

